

5620 SAM Network Element Compatibility Guide

Version 1.94

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1 Introduction

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

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

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

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

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

1.1 Intended Audience

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

2 Alcatel-Lucent 5620 SAM Documentation Set

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

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

3 Network Element Compatibility

3.1 Alcatel-Lucent 7750 Service Router

Alcatel-Lucent 7750 Service Router Release 8.0

Table 1: 7750 SR 8.0 R5

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R5)
5620 SAM 8.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IPSec IKEv2. 5620 SAM does not support IPSec Internet Key Exchange version 2 (IKEv2).</p> <p>(Feature Enhancement) IP/GRE Tunnel Termination. 5620 SAM does not support IP/GRE Tunnel Termination.</p> <p>(Feature Enhancement) IPv6 Address /127 Netmask Support. 5620 SAM does not support /127 netmasks for IPv6 addresses.</p> <p>(Feature Enhancement) GARP for Outer VLAN Access Interfaces. 5620 SAM does not support GARP after SRRP switchover on outer VLAN Access Interfaces.</p> <p>(Feature Enhancement) Multicast over PPPoE Sessions. 5620 SAM does not support multicast of PPPoE sessions.</p> <p>(Feature Enhancement) Multiple VLAN Registration Protocol. 5620 SAM does not support Multiple VLAN Registration Protocol (MVRP).</p> <p>(Feature Enhancement) RFC 4379 Timestamp for OAM/SAA. 5620 SAM does not support RFC 4379 Timestamps for OAM.</p> <p>(Feature Enhancement) 802.1ag MA Association Naming for Y1731 Eth-OAM MEGs. 5620 SAM does not support 802.1ag MA Association name formats of type integer, string, vid, vpn-id for Y1731 Eth-OAM MEGs. [587671]</p> <p>(Feature Enhancement) IGMP Tunnel Interface Administrative State. 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675]</p> <p>(Feature Enhancement) VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]</p> <p>(Feature Enhancement) Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]</p> <p>(Feature Enhancement) Uni-directional APS Support. 5620 SAM does not support Uni-directional APS. [581463]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R5)
	<p>not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) MMRP IMPM Override. 5620 SAM does not support MMRP override for Ingress Multicast Path Management.</p>

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

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R5)
	<p>replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) 1-Port 100G and 12-Port 10G Ethernet IMMs. 5620 SAM does not support the 1-Port 100G and 12-Port 10G Ethernet IMM Cards.</p> <p>(Feature Enhancement) IPv6 Support on IPipe. 5620 SAM does not support IPv6 for IPipes.</p> <p>(Feature Enhancement) RSVP-TE P2MP I-PMSI. 5620 SAM does not support RSVP-TE P2MP I-PMSI.</p> <p>(Feature Enhancement) SC-APS Support for MLPPP on Network Ports. 5620 SAM does not support MLPPP on Network Ports for SC-APS.</p> <p>(Feature Enhancement) IPSec IKEv2. 5620 SAM does not support IPSec Internet Key Exchange version 2 (IKEv2).</p> <p>(Feature Enhancement) IP/GRE Tunnel Termination. 5620 SAM does not support IP/GRE Tunnel Termination.</p> <p>(Feature Enhancement) Ethernet CFM Frame Rate Limiting. 5620 SAM does not support Ethernet CFM Frame Rate Limiting.</p> <p>(Feature Enhancement) IPv6 Address /127 Netmask Support. 5620 SAM does not support /127 netmasks for IPv6 addresses.</p>

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

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

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R5)
	<p>SAM does not support subscriber attribute override of app-profile values.</p> <p>(Feature Enhancement) IPipe Divert to AA. 5620 SAM does not support IPipe divert to Application Assurance.</p> <p>(Feature Enhancement) AA-ISA Large Session Congestion Mitigation. 5620 SAM does not support AA-ISA Large Session Congestion Mitigation.</p> <p>(Feature Enhancement) Enable ESMC on WAN Ports. 5620 SAM does not support enabling ESMC for WAN ports.</p> <p>(Feature Enhancement) IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards.</p> <p>(Feature Enhancement) RADIUS Authentication Policy Down Time. 5620 SAM does not support RADIUS authentication policy down time.</p> <p>(Feature Enhancement) CoA-Only RADIUS Server. 5620 SAM does not support CoA-only RADIUS server.</p> <p>(Feature Enhancement) TACACS+ 128-Character Secret Key. 5620 SAM does not support 128 characters for the TACACS+ secret key.</p> <p>(Feature Enhancement) LAG LACP System-ID Configuration. 5620 SAM does not support configuration of the LACP System-ID for LAGs.</p> <p>(Feature Enhancement) BGP Prefix Limit Threshold Percentage and Log-only. 5620 SAM does not support configuration threshold limit percentage and log-only parameters for BGP peers.</p> <p>(Feature Enhancement) IS-IS Default IPv4 and IPv6 Metric Values. 5620 SAM does not support IPv4 and IPv6 default metrics for IS-IS interfaces.</p> <p>(Feature Enhancement) RFC 4379 Timestamp for OAM/SAA. 5620 SAM does not support RFC 4379 Timestamps for OAM.</p> <p>(Feature Enhancement) 802.1ag MA Association Naming for Y1731 Eth-OAM MEGs. 5620 SAM does not support 802.1ag MA Association name formats of type integer, string, vid, vpn-id for Y1731 Eth-OAM MEGs. [587671]</p> <p>(Feature Enhancement) IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587672]</p> <p>(Feature Enhancement) IGMP Tunnel Interface Administrative State. 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675]</p> <p>(Feature Enhancement) VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]</p> <p>(Feature Enhancement) Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]</p> <p>(Feature Enhancement) Uni-directional APS Support. 5620 SAM does not support</p>

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

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R5)
	<p>ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) MMRP IMPM Override. 5620 SAM does not support MMRP override for Ingress Multicast Path Management.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2</p>

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R5)
	<p>Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) 1-Port 100G and 12-Port 10G Ethernet IMMs. 5620 SAM does not support the 1-Port 100G and 12-Port 10G Ethernet IMM Cards.</p> <p>(Feature Enhancement) IPv6 Support on IPipe. 5620 SAM does not support IPv6 for IPipes.</p> <p>(Feature Enhancement) RSVP-TE P2MP I-PMSI. 5620 SAM does not support RSVP-TE</p>

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R5)
	<p>P2MP I-PMSI.</p> <p>(Feature Enhancement) SC-APS Support for MLPPP on Network Ports. 5620 SAM does not support MLPPP on Network Ports for SC-APS.</p> <p>(Feature Enhancement) IPSec IKEv2. 5620 SAM does not support IPSec Internet Key Exchange version 2 (IKEv2).</p> <p>(Feature Enhancement) IP/GRE Tunnel Termination. 5620 SAM does not support IP/GRE Tunnel Termination.</p> <p>(Feature Enhancement) Ethernet CFM Frame Rate Limiting. 5620 SAM does not support Ethernet CFM Frame Rate Limiting.</p> <p>(Feature Enhancement) IPv6 Address /127 Netmask Support. 5620 SAM does not support /127 netmasks for IPv6 addresses.</p> <p>(Feature Enhancement) QinQ Untagged Frames “.0”. 5620 SAM does not support QinQ Untagged Frames (.0) for L2 and L3 Access Interfaces.</p> <p>(Feature Enhancement) GARP for Outer VLAN Access Interfaces. 5620 SAM does not support GARP after SRRP switchover on outer VLAN Access Interfaces.</p> <p>(PTS 587339) IGMP Tunnel Interface Deployment Failure. 5620 SAM does not support creation of IGMP Tunnel Interfaces of type RSVP. A deployment failure will occur upon attempted creation.</p> <p>(Feature Enhancement) 7750 SR-c4. 5620 SAM does not support Management of 7750 SR-c4.</p> <p>(Feature Enhancement) OC-768/STM-256C DWDM IMM Card. 5620 SAM does not support the OC-768/STM-256C DWDM IMM Card.</p> <p>(Feature Enhancement) BITS-OUT Support. 5620 SAM does not support BITS-OUT support for SFM3/CFM on 7750 SR-7/SR-12/SR-c4.</p> <p>(Feature Enhancement) Full SSM/ESMC Support. 5620 SAM does not support full SSM/ESMC capability for clock source quality level received via SSM of SDH/SONET/BITS ports or ESMC of synchronous Ethernet ports for system timing reference selection.</p> <p>(Feature Enhancement) Uni-Directional APS Service Parity for SONET/SDH Channelized and Non-Channelized Interfaces. 5620 SAM does not support uni-directional APS service parity for SONET/SDH channelized and non-channelized interfaces for MDAs/CMAs that previously only supported bi-directional switching mode APS.</p> <p>(Feature Enhancement) G.8032 Ethernet Ring Protocol. 5620 SAM does not support G.8032 ethernet ring automatic protection switching.</p> <p>(Feature Enhancement) NAT Basic Port Forwarding. 5620 SAM does not support NAT basic port forwarding.</p> <p>(Feature Enhancement) DIAMETER Credit Control On-line Charging. 5620 SAM does not support on-line charging with DIAMETER Credit Control.</p>

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

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R5)
	<p>(Feature Enhancement) LDP FEC to BGP Label Route Stitching. 5620 SAM does not support LDP FEC to BGP label route stitching.</p> <p>(Feature Enhancement) Multi-homing for L3 Services. 5620 SAM does not support multi-homing for L3 Services (BGP Anycast address support).</p> <p>(Feature Enhancement) SDP-Configurable Tunnel Destination Address. 5620 SAM does not support SDP-configurable tunnel destination address.</p> <p>(Feature Enhancement) Hashing Enhancements for Consistent Per-Service Forwarding. 5620 SAM does not support hashing enhancements for consistent per-service forwarding.</p> <p>(Feature Enhancement) HSDPA Offload Fallback Over ATM. 5620 SAM does not support HSDPA offload fallback over ATM.</p> <p>(Feature Enhancement) Subscriber Attribute Override of App-Profile Values. 5620 SAM does not support subscriber attribute override of app-profile values.</p> <p>(Feature Enhancement) IPipe Divert to AA. 5620 SAM does not support IPipe divert to Application Assurance.</p> <p>(Feature Enhancement) AA-ISA Large Session Congestion Mitigation. 5620 SAM does not support AA-ISA Large Session Congestion Mitigation.</p> <p>(Feature Enhancement) Enable ESMC on WAN Ports. 5620 SAM does not support enabling ESMC for WAN ports.</p> <p>(Feature Enhancement) IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards.</p> <p>(Feature Enhancement) RADIUS Authentication Policy Down Time. 5620 SAM does not support RADIUS authentication policy down time.</p> <p>(Feature Enhancement) CoA-Only RADIUS Server. 5620 SAM does not support CoA-only RADIUS server.</p> <p>(Feature Enhancement) TACACS+ 128-Character Secret Key. 5620 SAM does not support 128 characters for the TACACS+ secret key.</p> <p>(Feature Enhancement) LAG LACP System-ID Configuration. 5620 SAM does not support configuration of the LACP System-ID for LAGs.</p> <p>(Feature Enhancement) BGP Prefix Limit Threshold Percentage and Log-only. 5620 SAM does not support configuration threshold limit percentage and log-only parameters for BGP peers.</p> <p>(Feature Enhancement) IS-IS Default IPv4 and IPv6 Metric Values. 5620 SAM does not support IPv4 and IPv6 default metrics for IS-IS interfaces.</p> <p>(Feature Enhancement) RFC 4379 Timestamp for OAM/SAA. 5620 SAM does not support RFC 4379 Timestamps for OAM.</p> <p>(Feature Enhancement) LAC Tunnel Support for VPRN (L2TP). 5620 SAM does not support LAC Tunnels for VPRN (L2TP).</p>

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R5)
	<p>(Feature Enhancement) LNS Over MPLS LNS. 5620 SAM does not support LNS Over MPLS LNS.</p> <p>(Feature Enhancement) L2TP Tunnel Switching with ESM. 5620 SAM does not support L2TP Tunnel Switching with ESM.</p> <p>(Feature Enhancement) LI Activation Enhancements. 5620 SAM does not support LI Activation Enhancements.</p> <p>(Feature Enhancement) LI for LAC Sessions. 5620 SAM does not support LI for LAC Sessions.</p> <p>(Feature Enhancement) SLA Override without SLA-Profile Change. 5620 SAM does not support SLA override without SLA-Profile change.</p> <p>(Feature Enhancement) 802.1ag MA Association Naming for Y1731 Eth-OAM MEGs. 5620 SAM does not support 802.1ag MA Association name formats of type integer, string, vid, vpn-id for Y1731 Eth-OAM MEGs. [587671]</p> <p>(Feature Enhancement) IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587672]</p> <p>(Feature Enhancement) IGMP Tunnel Interface Administrative State. 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675]</p> <p>(Feature Enhancement) VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]</p> <p>(Feature Enhancement) Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]</p> <p>(Feature Enhancement) Uni-directional APS Support. 5620 SAM does not support Uni-directional APS. [581463]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p>

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R5)
	<p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) MMRP IMPM Override. 5620 SAM does not support MMRP override for Ingress Multicast Path Management.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R5)
	<p>support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p>

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R5)
	<p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 2: 7750 SR 8.0 R4

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R4)
5620 SAM 8.0 R5	<p>Network element supported with the following limitations:</p> <p>(PTS 592549) IPv6 Standalone PPP-SLAAC or PPP-DHCP6 Mid-Session Change. A mid-session change on an IPv6 PPP-SLAAC or PPP-DHCP6 ESM subscriber host will result in a deployment failure if the host does not also have IPv4 addressing configured (v4/v6 Dual-stack).</p> <p>(Feature Enhancement) Multicast over PPPoE Sessions. 5620 SAM does not support multicast of PPPoE sessions.</p> <p>(Feature Enhancement) Multiple VLAN Registration Protocol. 5620 SAM does not support Multiple VLAN Registration Protocol (MVRP).</p> <p>(Feature Enhancement) RFC 4379 Timestamp for OAM/SAA. 5620 SAM does not support RFC 4379 Timestamps for OAM.</p> <p>(Feature Enhancement) 802.1ag MA Association Naming for Y1731 Eth-OAM MEGs. 5620 SAM does not support 802.1ag MA Association name formats of type integer, string, vid, vpn-id for Y1731 Eth-OAM MEGs. [587671]</p> <p>(Feature Enhancement) IGMP Tunnel Interface Administrative State. 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675]</p> <p>(Feature Enhancement) VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]</p> <p>(Feature Enhancement) Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]</p> <p>(Feature Enhancement) Uni-directional APS Support. 5620 SAM does not support Uni-directional APS. [581463]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R4)
	<p>not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) MMRP IMPM Override. 5620 SAM does not support MMRP override for Ingress Multicast Path Management.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p>

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R4)
	<p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MPLS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R4)
	<p>Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(PTS 592549) IPv6 Standalone PPP-SLAAC or PPP-DHCP6 Mid-Session Change. A mid-session change on an IPv6 PPP-SLAAC or PPP-DHCP6 ESM subscriber host will result in a deployment failure if the host does not also have IPv4 addressing configured (v4/v6 Dual-stack).</p> <p>(PTS 587339) IGMP Tunnel Interface Deployment Failure. 5620 SAM does not support creation of IGMP Tunnel Interfaces of type RSVP. A deployment failure will occur upon attempted creation.</p> <p>(Feature Enhancement) 7750 SR-c4. 5620 SAM does not support Management of 7750 SR-c4.</p> <p>(Feature Enhancement) OC-768/STM-256C DWDM IMM Card. 5620 SAM does not support the OC-768/STM-256C DWDM IMM Card.</p> <p>(Feature Enhancement) BITS-OUT Support. 5620 SAM does not support BITS-OUT support for SFM3/CFM on 7750 SR-7/SR-12/SR-c4.</p> <p>(Feature Enhancement) Full SSM/ESMC Support. 5620 SAM does not support full SSM/ESMC capability for clock source quality level received via SSM of SDH/SONET/BITS ports or ESMC of synchronous Ethernet ports for system timing reference selection.</p> <p>(Feature Enhancement) Uni-Directional APS Service Parity for SONET/SDH Channelized and Non-Channelized Interfaces. 5620 SAM does not support uni-directional APS service parity for SONET/SDH channelized and non-channelized interfaces for MDAs/CMAs that previously only supported bi-directional switching mode APS.</p> <p>(Feature Enhancement) G.8032 Ethernet Ring Protocol. 5620 SAM does not support G.8032 ethernet ring automatic protection switching.</p> <p>(Feature Enhancement) NAT Basic Port Forwarding. 5620 SAM does not support NAT basic port forwarding.</p> <p>(Feature Enhancement) DIAMETER Credit Control On-line Charging. 5620 SAM does not support on-line charging with DIAMETER Credit Control.</p> <p>(Feature Enhancement) Multicast over PPPoE Sessions. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R4)
	<p>multicast of PPPoE sessions.</p> <p>(Feature Enhancement) Remove/Add/Modify Domain Names in RADIUS Authentication. 5620 SAM does not support add/remove/replace for strings used as domain names in PAP/CHAP authentication.</p> <p>(Feature Enhancement) Multiple RADIUS Authentication Based On Domain Name. 5620 SAM does not support multiple RADIUS Authentication based on Domain Name (Pre-Authentication in LUDB).</p> <p>(Feature Enhancement) IPoE User Name Option 61/60. 5620 SAM does not support RADIUS User Name Format: DHCP Option 61/60.</p> <p>(Feature Enhancement) ESM IPv6 Local User Database (LUDB) for IPoE. 5620 SAM does not support ESM IPv6 Local User Database (LUDB) for IPoE.</p> <p>(Feature Enhancement) ATM Aware QoS for Broadband Network Gateway. 5620 SAM does not support ATM/ethernet last-mile aware QoS for broadband network gateway.</p> <p>(Feature Enhancement) H-Pol Support for 7750 SR-c12/SR-c4. 5620 SAM does not support Class-Fair Hierarchical Policing (H-Pol) for 7750 SR-c12/SR-c4.</p> <p>(Feature Enhancement) Queue Parent Weight Override. 5620 SAM does not support queue parent weight override.</p> <p>(Feature Enhancement) QoS Burst Management. 5620 SAM does not support QoS Burst Management.</p> <p>(Feature Enhancement) Video-ISA with Alcatel-Lucent 5910 VSA SP4 (RET/FCC). 5620 SAM does not support Video-ISA with Alcatel-Lucent 5910 VSA Service Pack 4 (RET/FCC), including dynamic computation of FCC duration and bandwidth, audio re-ordering for FCC.</p> <p>(Feature Enhancement) Video Dual-Stream Selection. 5620 SAM does not support video dual-stream selection.</p> <p>(Feature Enhancement) Video Quality Monitoring. 5620 SAM does not support Video Quality Monitoring (VQM).</p> <p>(Feature Enhancement) Multicast Over LDP P2MP LSP. 5620 SAM does not support multicast over LDP P2MP LSP.</p> <p>(Feature Enhancement) LSP Automatic Bandwidth Adjustment. 5620 SAM does not support LSP Automatic Bandwidth Adjustment.</p> <p>(Feature Enhancement) Multiple VLAN Registration Protocol. 5620 SAM does not support Multiple VLAN Registration Protocol (MVRP).</p> <p>(Feature Enhancement) Routed VPLS. 5620 SAM does not support Routed VPLS.</p> <p>(Feature Enhancement) PBB Support for RFC 3107. 5620 SAM does not support PBB for RFC 3107 (BGP LSP for PBB-VPLS Services).</p> <p>(Feature Enhancement) LDP FEC to BGP Label Route Stitching. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R4)
	<p>support LDP FEC to BGP label route stitching.</p> <p>(Feature Enhancement) Multi-homing for L3 Services. 5620 SAM does not support multi-homing for L3 Services (BGP Anycast address support).</p> <p>(Feature Enhancement) SDP-Configurable Tunnel Destination Address. 5620 SAM does not support SDP-configurable tunnel destination address.</p> <p>(Feature Enhancement) Hashing Enhancements for Consistent Per-Service Forwarding . 5620 SAM does not support hashing enhancements for consistent per-service forwarding.</p> <p>(Feature Enhancement) HSDPA Offload Fallback Over ATM . 5620 SAM does not support HSDPA offload fallback over ATM.</p> <p>(Feature Enhancement) Subscriber Attribute Override of App-Profile Values . 5620 SAM does not support subscriber attribute override of app-profile values.</p> <p>(Feature Enhancement) IPipe Divert to AA. 5620 SAM does not support IPipe divert to Application Assurance.</p> <p>(Feature Enhancement) AA-ISA Large Session Congestion Mitigation. 5620 SAM does not support AA-ISA Large Session Congestion Mitigation.</p> <p>(Feature Enhancement) Enable ESMC on WAN Ports. 5620 SAM does not support enabling ESMC for WAN ports.</p> <p>(Feature Enhancement) RADIUS Authentication Policy Down Time. 5620 SAM does not support RADIUS authentication policy down time.</p> <p>(Feature Enhancement) CoA-Only RADIUS Server. 5620 SAM does not support CoA-only RADIUS server.</p> <p>(Feature Enhancement) TACACS+ 128-Character Secret Key. 5620 SAM does not support 128 characters for the TACACS+ secret key.</p> <p>(Feature Enhancement) LAG LACP System-ID Configuration. 5620 SAM does not support configuration of the LACP System-ID for LAGs.</p> <p>(Feature Enhancement) BGP Prefix Limit Threshold Percentage and Log-only. 5620 SAM does not support configuration threshold limit percentage and log-only parameters for BGP peers.</p> <p>(Feature Enhancement) IS-IS Default IPv4 and IPv6 Metric Values. 5620 SAM does not support IPv4 and IPv6 default metrics for IS-IS interfaces.</p> <p>(Feature Enhancement) RFC 4379 Timestamp for OAM/SAA. 5620 SAM does not support RFC 4379 Timestamps for OAM.</p> <p>(Feature Enhancement) 802.1ag MA Association Naming for Y1731 Eth-OAM MEGs. 5620 SAM does not support 802.1ag MA Association name formats of type integer, string, vid, vpn-id for Y1731 Eth-OAM MEGs. [587671]</p> <p>(Feature Enhancement) IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587672]</p>

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R4)
	<p>(Feature Enhancement) IGMP Tunnel Interface Administrative State. 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675]</p> <p>(Feature Enhancement) VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]</p> <p>(Feature Enhancement) Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]</p> <p>(Feature Enhancement) Uni-directional APS Support. 5620 SAM does not support Uni-directional APS. [581463]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p>

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R4)
	<p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) MMRP IMPM Override. 5620 SAM does not support MMRP override for Ingress Multicast Path Management.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p>

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R4)
	<p>(Feature Enhancement) MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p>

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

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R4)
	<p>(Feature Enhancement) IPoE User Name Option 61/60. 5620 SAM does not support RADIUS User Name Format: DHCP Option 61/60.</p> <p>(Feature Enhancement) ESM IPv6 Local User Database (LUDB) for IPoE. 5620 SAM does not support ESM IPv6 Local User Database (LUDB) for IPoE.</p> <p>(Feature Enhancement) ATM Aware QoS for Broadband Network Gateway. 5620 SAM does not support ATM/ethernet last-mile aware QoS for broadband network gateway.</p> <p>(Feature Enhancement) H-Pol Support for 7750 SR-c12/SR-c4. 5620 SAM does not support Class-Fair Hierarchical Policing (H-Pol) for 7750 SR-c12/SR-c4.</p> <p>(Feature Enhancement) Queue Parent Weight Override. 5620 SAM does not support queue parent weight override.</p> <p>(Feature Enhancement) QoS Burst Management. 5620 SAM does not support QoS Burst Management.</p> <p>(Feature Enhancement) Video-ISA with Alcatel-Lucent 5910 VSA SP4 (RET/FCC). 5620 SAM does not support Video-ISA with Alcatel-Lucent 5910 VSA Service Pack 4 (RET/FCC), including dynamic computation of FCC duration and bandwidth, audio re-ordering for FCC.</p> <p>(Feature Enhancement) Video Dual-Stream Selection. 5620 SAM does not support video dual-stream selection.</p> <p>(Feature Enhancement) Video Quality Monitoring. 5620 SAM does not support Video Quality Monitoring (VQM).</p> <p>(Feature Enhancement) Multicast Over LDP P2MP LSP. 5620 SAM does not support multicast over LDP P2MP LSP.</p> <p>(Feature Enhancement) LSP Automatic Bandwidth Adjustment. 5620 SAM does not support LSP Automatic Bandwidth Adjustment.</p> <p>(Feature Enhancement) Multiple VLAN Registration Protocol. 5620 SAM does not support Multiple VLAN Registration Protocol (MVRP).</p> <p>(Feature Enhancement) Routed VPLS. 5620 SAM does not support Routed VPLS.</p> <p>(Feature Enhancement) PBB Support for RFC 3107. 5620 SAM does not support PBB for RFC 3107 (BGP LSP for PBB-VPLS Services).</p> <p>(Feature Enhancement) LDP FEC to BGP Label Route Stitching. 5620 SAM does not support LDP FEC to BGP label route stitching.</p> <p>(Feature Enhancement) Multi-homing for L3 Services. 5620 SAM does not support multi-homing for L3 Services (BGP Anycast address support).</p> <p>(Feature Enhancement) SDP-Configurable Tunnel Destination Address. 5620 SAM does not support SDP-configurable tunnel destination address.</p> <p>(Feature Enhancement) Hashing Enhancements for Consistent Per-Service Forwarding. 5620 SAM does not support hashing enhancements for consistent per-</p>

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R4)
	<p>service forwarding.</p> <p>(Feature Enhancement) HSDPA Offload Fallback Over ATM . 5620 SAM does not support HSDPA offload fallback over ATM.</p> <p>(Feature Enhancement) Subscriber Attribute Override of App-Profile Values . 5620 SAM does not support subscriber attribute override of app-profile values.</p> <p>(Feature Enhancement) IPipe Divert to AA. 5620 SAM does not support IPipe divert to Application Assurance.</p> <p>(Feature Enhancement) AA-ISA Large Session Congestion Mitigation. 5620 SAM does not support AA-ISA Large Session Congestion Mitigation.</p> <p>(Feature Enhancement) Enable ESMC on WAN Ports. 5620 SAM does not support enabling ESMC for WAN ports.</p> <p>(Feature Enhancement) RADIUS Authentication Policy Down Time. 5620 SAM does not support RADIUS authentication policy down time.</p> <p>(Feature Enhancement) CoA-Only RADIUS Server. 5620 SAM does not support CoA-only RADIUS server.</p> <p>(Feature Enhancement) TACACS+ 128-Character Secret Key. 5620 SAM does not support 128 characters for the TACACS+ secret key.</p> <p>(Feature Enhancement) LAG LACP System-ID Configuration. 5620 SAM does not support configuration of the LACP System-ID for LAGs.</p> <p>(Feature Enhancement) BGP Prefix Limit Threshold Percentage and Log-only. 5620 SAM does not support configuration threshold limit percentage and log-only parameters for BGP peers.</p> <p>(Feature Enhancement) IS-IS Default IPv4 and IPv6 Metric Values. 5620 SAM does not support IPv4 and IPv6 default metrics for IS-IS interfaces.</p> <p>(Feature Enhancement) RFC 4379 Timestamp for OAM/SAA. 5620 SAM does not support RFC 4379 Timestamps for OAM.</p> <p>(Feature Enhancement) LAC Tunnel Support for VPRN (L2TP). 5620 SAM does not support LAC Tunnels for VPRN (L2TP).</p> <p>(Feature Enhancement) LNS Over MPLS LNS. 5620 SAM does not support LNS Over MPLS LNS.</p> <p>(Feature Enhancement) L2TP Tunnel Switching with ESM. 5620 SAM does not support L2TP Tunnel Switching with ESM.</p> <p>(Feature Enhancement) LI Activation Enhancements. 5620 SAM does not support LI Activation Enhancements.</p> <p>(Feature Enhancement) LI for LAC Sessions. 5620 SAM does not support LI for LAC Sessions.</p> <p>(Feature Enhancement) SLA Override without SLA-Profile Change. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R4)
	<p>not support SLA override without SLA-Profile change.</p> <p>(Feature Enhancement) 802.1ag MA Association Naming for Y1731 Eth-OAM MEGs. 5620 SAM does not support 802.1ag MA Association name formats of type integer, string, vid, vpn-id for Y1731 Eth-OAM MEGs. [587671]</p> <p>(Feature Enhancement) IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587672]</p> <p>(Feature Enhancement) IGMP Tunnel Interface Administrative State. 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675]</p> <p>(Feature Enhancement) VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]</p> <p>(Feature Enhancement) Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]</p> <p>(Feature Enhancement) Uni-directional APS Support. 5620 SAM does not support Uni-directional APS. [581463]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p>

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R4)
	<p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) MMRP IMPM Override. 5620 SAM does not support MMRP override for Ingress Multicast Path Management.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p>

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R4)
	<p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MPLS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R4)
	<p>Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 3: 7750 SR 8.0 R3

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R3)
5620 SAM 8.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) 802.1ag MA Association Naming for Y1731 Eth-OAM MEGs. 5620 SAM does not support 802.1ag MA Association name formats of type integer, string, vid, vpn-id for Y1731 Eth-OAM MEGs. [587671]</p> <p>(Feature Enhancement) IGMP Tunnel Interface Administrative State. 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675]</p> <p>(Feature Enhancement) VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]</p> <p>(Feature Enhancement) Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]</p> <p>(Feature Enhancement) Uni-directional APS Support. 5620 SAM does not support Uni-directional APS. [581463]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R3)
	<p>Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) MMRP IMPM Override. 5620 SAM does not support MMRP override for Ingress Multicast Path Management.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p>

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

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R3)
5620 SAM 8.0 R1 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) 802.1ag MA Association Naming for Y1731 Eth-OAM MEGs. 5620 SAM does not support 802.1ag MA Association name formats of type integer, string, vid, vpn-id for Y1731 Eth-OAM MEGs. [587671]</p> <p>(Feature Enhancement) IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587672]</p> <p>(Feature Enhancement) IGMP Tunnel Interface Administrative State. 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675]</p> <p>(Feature Enhancement) VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]</p> <p>(Feature Enhancement) Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]</p> <p>(Feature Enhancement) Uni-directional APS Support. 5620 SAM does not support Uni-directional APS. [581463]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not</p>

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	<p>have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) MMRP IMPM Override. 5620 SAM does not support MMRP override for Ingress Multicast Path Management.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p>

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R3)
	<p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MPLS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R3)
	<p>Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 4: 7750 SR 8.0 R1 through R2

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R1 through R2)
5620 SAM 8.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Uni-directional APS Support. 5620 SAM does not support Uni-directional APS. [581463]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p>

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R1 through R2)
	<p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) MMRP IMPM Override. 5620 SAM does not support MMRP override for Ingress Multicast Path Management.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620</p>

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R1 through R2)
	<p>SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R1 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Uni-directional APS Support. 5620 SAM does not support Uni-directional APS. [581463]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R1 through R2)
	<p>the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p>

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R1 through R2)
	<p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) MMRP IMPM Override. 5620 SAM does not support MMRP override for Ingress Multicast Path Management.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p>

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R1 through R2)
	<p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

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Table 5: 7750 SR 7.0 R14

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R14)
5620 SAM 8.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216]</p> <p>(Feature Enhancement) Telnet/SSH TTL Security Check. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217]</p> <p>(Feature Enhancement) System Memory Usage Statistics in Kilobytes. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218]</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593086]</p> <p>(Feature Enhancement) AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change. Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678]</p> <p>(Feature Enhancement) AA Subscriber Accounting Statistics Data Loss Alarm. 5620 SAM does not support the Application Assurance Subscriber Accounting Statistics Data Loss Alarm. [587679]</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” reponse status for OAM LSP Ping Tests. [587682]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R14)
	<p>the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) 7750 SR-c12 PBB MAC Name Support. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) MMRP IMPM Override. 5620 SAM does not support MMRP override for Ingress Multicast Path Management.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R14)
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	<p>5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216]</p> <p>(Feature Enhancement) Telnet/SSH TTL Security Check. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217]</p> <p>(Feature Enhancement) System Memory Usage Statistics in Kilobytes. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218]</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593086]</p> <p>(PTS 588751) ESM Local User Database. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751]</p> <p>(Feature Enhancement) AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change. Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678]</p> <p>(Feature Enhancement) AA Subscriber Accounting Statistics Data Loss Alarm. 5620 SAM does not support the Application Assurance Subscriber Accounting Statistics Data Loss Alarm. [587679]</p> <p>(Feature Enhancement) IOM Card Fail-On-Error. 5620 SAM does not support fail-on-</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R14)
	<p>error for IOM Cards. [587680]</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” reponse status for OAM LSP Ping Tests. [587682]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the ‘limited’ option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p>

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5620 SAM 8.0 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IPPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216]</p> <p>(Feature Enhancement) Telnet/SSH TTL Security Check. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217]</p>

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5620 SAM 7.0 R7 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216]</p> <p>(Feature Enhancement) Telnet/SSH TTL Security Check. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217]</p> <p>(Feature Enhancement) System Memory Usage Statistics in Kilobytes. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218]</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593086]</p> <p>(PTS 588751) ESM Local User Database. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751]</p> <p>(Feature Enhancement) AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change. Node Release 7.0R10 introduces a change in behavior affecting</p>

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5620 SAM 7.0 R6 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216]</p> <p>(Feature Enhancement) Telnet/SSH TTL Security Check. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217]</p> <p>(Feature Enhancement) System Memory Usage Statistics in Kilobytes. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218]</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593086]</p> <p>(PTS 588751) ESM Local User Database. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751]</p> <p>(Feature Enhancement) AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change. Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations.</p> <p>In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however,</p>

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

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

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R14)
	<p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IPPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216]</p> <p>(Feature Enhancement) Telnet/SSH TTL Security Check. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217]</p> <p>(Feature Enhancement) System Memory Usage Statistics in Kilobytes. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218]</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593086]</p> <p>(PTS 588751) ESM Local User Database. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751]</p> <p>(Feature Enhancement) AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change. Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations.</p> <p>In previous releases, a dynamic subscriber removal (such as a modem release) would</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R14)
	<p>delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement.</p> <p>Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678]</p> <p>(Feature Enhancement) AA Subscriber Accounting Statistics Data Loss Alarm. 5620 SAM does not support the Application Assurance Subscriber Accounting Statistics Data Loss Alarm. [587679]</p> <p>(Feature Enhancement) IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680]</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” reponse status for OAM LSP Ping Tests. [587682]</p> <p>(PTS 587683) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the ‘limited’ option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p>

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

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

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	<p>SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IPMP Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216]</p> <p>(Feature Enhancement) Telnet/SSH TTL Security Check. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217]</p> <p>(Feature Enhancement) System Memory Usage Statistics in Kilobytes. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218]</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593086]</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R14)
	<p>(PTS 588751) ESM Local User Database. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751]</p> <p>(Feature Enhancement) AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change. Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations.</p> <p>In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement.</p> <p>Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678]</p> <p>(Feature Enhancement) AA Subscriber Accounting Statistics Data Loss Alarm. 5620 SAM does not support the Application Assurance Subscriber Accounting Statistics Data Loss Alarm. [587679]</p> <p>(Feature Enhancement) IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680]</p> <p>(Feature Enhancement) OAM LSP Ping 'Packet Size Too Big' Response Status. 5620 SAM does not support the "Packet Size Too Big" response status for OAM LSP Ping Tests. [587682]</p> <p>(PTS 587683) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP</p>

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	<p>routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) 7750 SR-c12. 5620 SAM does not support the 7750 SR-c12 prior to 5620 SAM 7.0.R4. Discovery of the router using 5620 SAM 7.0.R1 through R4 will not correctly identify and manage all components requiring the router to be unmanaged.</p> <p>(Feature Enhancement) Local/Zoned AD Insert (ADI) Splicer. 5620 SAM does not support AD Insert (ADI) Splicer.</p> <p>(Feature Enhancement) WRED-Per-Queue. 5620 SAM does not support WRED-per-Queue which allows per-queue specific WRED capability on IOM3-XP and IMM cards.</p> <p>(Feature Enhancement) eiBGP Load Balancing. 5620 SAM does not support eiBGP load balancing for VPRN services.</p> <p>(Feature Enhancement) LSR IP Load Balancing. 5620 SAM does not support LSR IP load balancing.</p> <p>(Feature Enhancement) SLA-Profile Based Egress Remarking. 5620 SAM does not support 'Egress QoS marking from SAP' for Subscriber Management SLA-Profiles.</p> <p>(Feature Enhancement) 5-Port 10G Ethernet XFP IMM. 5620 SAM does not support the 5-Port 10G Ethernet XFP Integrated Media Module (IMM).</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R14)
	<p>(Feature Enhancement) ESM on VSM (CCAG Use Origin SAP). 5620 SAM does not support ESM on VSM (CCAG Use Origin SAP) functionality for Group Interfaces on IES and VPRN services.</p> <p>(Feature Enhancement) Configurable CFM Thresholds. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds.</p> <p>(Feature Enhancement) PBB Access Dual Homing. 5620 SAM does not support PBB Access Dual Homing.</p> <p>(Feature Enhancement) G.8031 Protected Ethernet Tunnels. 5620 SAM does not support G.8031 Protected Ethernet Tunnels.</p> <p>(Feature Enhancement) TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) MMRP IMPM Override. 5620 SAM does not support MMRP override for Ingress Multicast Path Management.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) 1-Port 10G DWDM Tunable MDA. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA.</p> <p>(Feature Enhancement) 1-Port 10G HS (High Scale) MDA. 5620 SAM does not support the 1-Port 10G HS (High Scale) MDA.</p> <p>(Feature Enhancement) Video ISA MDA. 5620 SAM does not support the Video ISA MDA. If a pre-SAM 7.0R4 release manages a 7750 or 7450 router with configured Video Groups containing ISA-Video group members, then invalid LAG entries will appear in SAM. The LAGs will incorrectly appear in the SAM Equipment tree with LAG IDs greater than 200. Furthermore, if the router has VPLS, IES or VPRN services that have configured video interfaces and associated video interface address(es), then invalid L2/L3 access interfaces and addresses will appear for these services. Attempting to modify or delete these LAGs, access interfaces or addresses via SAM will result in failed deployments.</p> <p>(Feature Enhancement) RETransmission Client and Server. 5620 SAM does not support the Retransmission Client and Server for Video ISA.</p> <p>(Feature Enhancement) Fast Channel Change Server. 5620 SAM does not support the Fast Channel Change Server.</p> <p>(Feature Enhancement) H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LAG Support for HS-MDA. 5620 SAM does not support LAG's for HS-MDA ports.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p>

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

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	<p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 6: 7750 SR 7.0 R13

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R13)
5620 SAM 8.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593086]</p> <p>(Feature Enhancement) AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change. Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678]</p> <p>(Feature Enhancement) AA Subscriber Accounting Statistics Data Loss Alarm. 5620 SAM does not support the Application Assurance Subscriber Accounting Statistics Data Loss Alarm. [587679]</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” response status for OAM LSP Ping Tests. [587682]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R13)
	<p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) 7750 SR-c12 PBB MAC Name Support. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) MMRP IMPM Override. 5620 SAM does not support MMRP override for Ingress Multicast Path Management.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM</p>

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	<p>does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MPLS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support</p>

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5620 SAM 8.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593086]</p> <p>(PTS 588751) ESM Local User Database. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751]</p> <p>(Feature Enhancement) AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change. Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678]</p> <p>(Feature Enhancement) AA Subscriber Accounting Statistics Data Loss Alarm. 5620 SAM does not support the Application Assurance Subscriber Accounting Statistics Data Loss Alarm. [587679]</p> <p>(Feature Enhancement) IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680]</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” reponse status for OAM LSP Ping Tests. [587682]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p>

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	<p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) 7750 SR-c12 PBB MAC Name Support. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) MMRP IMPM Override. 5620 SAM does not support MMRP override for Ingress Multicast Path Management.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p>

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

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R13)
	<p>SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593086]</p> <p>(PTS 588751) ESM Local User Database. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751]</p> <p>(Feature Enhancement) AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change. Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations.</p> <p>In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement.</p> <p>Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678]</p> <p>(Feature Enhancement) AA Subscriber Accounting Statistics Data Loss Alarm. 5620</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R13)
	<p>SAM does not support the Application Assurance Subscriber Accounting Statistics Data Loss Alarm. [587679]</p> <p>(Feature Enhancement) IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680]</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” reponse status for OAM LSP Ping Tests. [587682]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the ‘limited’ option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R13)
	<p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) 7750 SR-c12 PBB MAC Name Support. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) MMRP IMPM Override. 5620 SAM does not support MMRP override for Ingress Multicast Path Management.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R13)
	<p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R13)
	indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R7 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593086]</p> <p>(PTS 588751) ESM Local User Database. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751]</p> <p>(Feature Enhancement) AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change. Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations.</p> <p>In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement.</p> <p>Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678]</p> <p>(Feature Enhancement) AA Subscriber Accounting Statistics Data Loss Alarm. 5620 SAM does not support the Application Assurance Subscriber Accounting Statistics Data Loss Alarm. [587679]</p> <p>(Feature Enhancement) IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680]</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” response status for OAM LSP Ping Tests. [587682]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle,</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R13)
	<p>clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) 7750 SR-c12 PBB MAC Name Support. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R13)
	<p>support PBB MAC Name for the 7750 SR-c12.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) MMRP IMPM Override. 5620 SAM does not support MMRP override for Ingress Multicast Path Management.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MPLS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R13)
	<p>PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R6	Network element supported with the following limitations:

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R13)
through R8	<p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593086]</p> <p>(PTS 588751) ESM Local User Database. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751]</p> <p>(Feature Enhancement) AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change. Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations.</p> <p>In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement.</p> <p>Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678]</p> <p>(Feature Enhancement) AA Subscriber Accounting Statistics Data Loss Alarm. 5620 SAM does not support the Application Assurance Subscriber Accounting Statistics Data Loss Alarm. [587679]</p> <p>(Feature Enhancement) IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680]</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” response status for OAM LSP Ping Tests. [587682]</p> <p>(PTS 587683) Obsolete OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected,</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R13)
	<p>issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) 7750 SR-c12 PBB MAC Name Support. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12.</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R13)
	<p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) MMRP IMPM Override. 5620 SAM does not support MMRP override for Ingress Multicast Path Management.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R13)
	<p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593086]</p> <p>(PTS 588751) ESM Local User Database. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751]</p> <p>(Feature Enhancement) AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change. Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R13)
	<p>the integrity of Application Assurance ESM subscriber statistics in some situations.</p> <p>In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement.</p> <p>Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678]</p> <p>(Feature Enhancement) AA Subscriber Accounting Statistics Data Loss Alarm. 5620 SAM does not support the Application Assurance Subscriber Accounting Statistics Data Loss Alarm. [587679]</p> <p>(Feature Enhancement) IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680]</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” response status for OAM LSP Ping Tests. [587682]</p> <p>(PTS 587683) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the ‘limited’ option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R13)
	<p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) 7750 SR-c12 PBB MAC Name Support. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) Long Channel Descriptions. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported.</p>

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

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	<p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593086]</p> <p>(PTS 588751) ESM Local User Database. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751]</p> <p>(Feature Enhancement) AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change. Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations.</p> <p>In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node</p>

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	<p>release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement.</p> <p>Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678]</p> <p>(Feature Enhancement) AA Subscriber Accounting Statistics Data Loss Alarm. 5620 SAM does not support the Application Assurance Subscriber Accounting Statistics Data Loss Alarm. [587679]</p> <p>(Feature Enhancement) IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680]</p> <p>(Feature Enhancement) OAM LSP Ping 'Packet Size Too Big' Response Status. 5620 SAM does not support the "Packet Size Too Big" response status for OAM LSP Ping Tests. [587682]</p> <p>(PTS 587683) Obsolete OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R13)
	<p>SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) Multi-Service Integrated Services Adapter. 5620 SAM does not support the Multi-Service Integrated Services Adapter (MS-ISA, MS-ISA-E).</p> <p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) 7750 SR-c12 PBB MAC Name Support. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) Long Channel Descriptions. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort,</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R13)
	<p>tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) MMRP IMPM Override. 5620 SAM does not support MMRP override for Ingress Multicast Path Management.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R13)
	<p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593086]</p> <p>(PTS 588751) ESM Local User Database. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751]</p> <p>(Feature Enhancement) AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change. Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations.</p> <p>In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R13)
	<p>release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement.</p> <p>Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678]</p> <p>(Feature Enhancement) AA Subscriber Accounting Statistics Data Loss Alarm. 5620 SAM does not support the Application Assurance Subscriber Accounting Statistics Data Loss Alarm. [587679]</p> <p>(Feature Enhancement) IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680]</p> <p>(Feature Enhancement) OAM LSP Ping 'Packet Size Too Big' Response Status. 5620 SAM does not support the "Packet Size Too Big" response status for OAM LSP Ping Tests. [587682]</p> <p>(PTS 587683) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R13)
	<p>SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) 7750 SR-c12. 5620 SAM does not support the 7750 SR-c12 prior to 5620 SAM 7.0.R4. Discovery of the router using 5620 SAM 7.0.R1 through R4 will not correctly identify and manage all components requiring the router to be unmanaged.</p> <p>(Feature Enhancement) Local/Zoned AD Insert (ADI) Splicer. 5620 SAM does not support AD Insert (ADI) Splicer.</p> <p>(Feature Enhancement) WRED-Per-Queue. 5620 SAM does not support WRED-per-Queue which allows per-queue specific WRED capability on IOM3-XP and IMM cards.</p> <p>(Feature Enhancement) eiBGP Load Balancing. 5620 SAM does not support eiBGP load balancing for VPRN services.</p> <p>(Feature Enhancement) LSR IP Load Balancing. 5620 SAM does not support LSR IP load balancing.</p> <p>(Feature Enhancement) SLA-Profile Based Egress Remarking. 5620 SAM does not support 'Egress QoS marking from SAP' for Subscriber Management SLA-Profiles.</p> <p>(Feature Enhancement) 5-Port 10G Ethernet XFP IMM. 5620 SAM does not support the 5-Port 10G Ethernet XFP Integrated Media Module (IMM).</p> <p>(Feature Enhancement) ESM on VSM (CCAG Use Origin SAP). 5620 SAM does not support ESM on VSM (CCAG Use Origin SAP) functionality for Group Interfaces on IES and VPRN services.</p> <p>(Feature Enhancement) Configurable CFM Thresholds. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds.</p> <p>(Feature Enhancement) PBB Access Dual Homing. 5620 SAM does not support PBB Access Dual Homing.</p> <p>(Feature Enhancement) G.8031 Protected Ethernet Tunnels. 5620 SAM does not support G.8031 Protected Ethernet Tunnels.</p> <p>(Feature Enhancement) TCP Authentication Null Key. 5620 SAM does not support</p>

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

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

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R13)
	<p>replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 7: 7750 SR 7.0 R12

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R12)
5620 SAM 8.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change. Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678]</p> <p>(Feature Enhancement) AA Subscriber Accounting Statistics Data Loss Alarm. 5620 SAM does not support the Application Assurance Subscriber Accounting Statistics Data Loss Alarm. [587679]</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” response status for OAM LSP Ping Tests. [587682]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R12)
	<p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) 7750 SR-c12 PBB MAC Name Support. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) MMRP IMPM Override. 5620 SAM does not support MMRP override for Ingress Multicast Path Management.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R12)
	<p>notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R12)
5620 SAM 8.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(PTS 588751) ESM Local User Database. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751]</p> <p>(Feature Enhancement) AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change. Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678]</p> <p>(Feature Enhancement) AA Subscriber Accounting Statistics Data Loss Alarm. 5620 SAM does not support the Application Assurance Subscriber Accounting Statistics Data Loss Alarm. [587679]</p> <p>(Feature Enhancement) IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680]</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” response status for OAM LSP Ping Tests. [587682]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the ‘limited’ option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R12)
	<p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) 7750 SR-c12 PBB MAC Name Support. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) MMRP IMPM Override. 5620 SAM does not support MMRP override for Ingress Multicast Path Management.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R12)
	<p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support.</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R12)
	<p>5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(PTS 588751) ESM Local User Database. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751]</p> <p>(Feature Enhancement) AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change. Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations.</p> <p>In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement.</p> <p>Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678]</p> <p>(Feature Enhancement) AA Subscriber Accounting Statistics Data Loss Alarm. 5620 SAM does not support the Application Assurance Subscriber Accounting Statistics Data Loss Alarm. [587679]</p> <p>(Feature Enhancement) IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680]</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” reponse status for OAM LSP Ping Tests. [587682]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p>

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	<p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) 7750 SR-c12 PBB MAC Name Support. 5620 SAM does not</p>

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

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R12)
	<p>PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

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5620 SAM 7.0 R7 through R8	<p>Network element supported with the following limitations:</p> <p>(PTS 588751) ESM Local User Database. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751]</p> <p>(Feature Enhancement) AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change. Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations.</p> <p>In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement.</p> <p>Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678]</p> <p>(Feature Enhancement) AA Subscriber Accounting Statistics Data Loss Alarm. 5620 SAM does not support the Application Assurance Subscriber Accounting Statistics Data Loss Alarm. [587679]</p> <p>(Feature Enhancement) IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680]</p> <p>(Feature Enhancement) OAM LSP Ping 'Packet Size Too Big' Response Status. 5620 SAM does not support the "Packet Size Too Big" response status for OAM LSP Ping Tests. [587682]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does</p>

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5620 SAM Release	Compatibility Statement (7750 SR 7.0 R12)
	<p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) MMRP IMPM Override. 5620 SAM does not support MMRP override for Ingress Multicast Path Management.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p>

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5620 SAM 7.0 R6 through R8	<p>Network element supported with the following limitations:</p> <p>(PTS 588751) ESM Local User Database. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751]</p> <p>(Feature Enhancement) AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change. Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations.</p> <p>In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement.</p> <p>Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678]</p>

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5620 SAM 7.0 R5	<p>Network element supported with the following limitations:</p> <p>(PTS 588751) ESM Local User Database. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751]</p> <p>(Feature Enhancement) AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change. Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations.</p> <p>In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement.</p> <p>Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678]</p> <p>(Feature Enhancement) AA Subscriber Accounting Statistics Data Loss Alarm. 5620 SAM does not support the Application Assurance Subscriber Accounting Statistics Data Loss Alarm. [587679]</p> <p>(Feature Enhancement) IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680]</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” reponse status for OAM LSP Ping Tests. [587682]</p> <p>(PTS 587683) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does</p>

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

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

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R12)
	<p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p>

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	<p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R4	<p>Network element supported with the following limitations:</p> <p>(PTS 588751) ESM Local User Database. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751]</p> <p>(Feature Enhancement) AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change. Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations.</p> <p>In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement.</p> <p>Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678]</p> <p>(Feature Enhancement) AA Subscriber Accounting Statistics Data Loss Alarm. 5620 SAM does not support the Application Assurance Subscriber Accounting Statistics Data Loss Alarm. [587679]</p> <p>(Feature Enhancement) IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680]</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” response status for OAM LSP Ping Tests. [587682]</p> <p>(PTS 587683) Obsolete OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not</p>

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

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

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	<p>(Feature Enhancement) MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p>

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	<p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(PTS 588751) ESM Local User Database. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751]</p> <p>(Feature Enhancement) AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change. Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations.</p> <p>In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement.</p> <p>Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678]</p> <p>(Feature Enhancement) AA Subscriber Accounting Statistics Data Loss Alarm. 5620 SAM does not support the Application Assurance Subscriber Accounting Statistics Data Loss Alarm. [587679]</p> <p>(Feature Enhancement) IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680]</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” response status for OAM LSP Ping Tests. [587682]</p> <p>(PTS 587683) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p>

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	<p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) 7750 SR-c12. 5620 SAM does not support the 7750 SR-c12 prior to 5620 SAM 7.0.R4. Discovery of the router using 5620 SAM 7.0.R1 through R4 will not correctly identify and manage all components requiring the router to be unmanaged.</p> <p>(Feature Enhancement) Local/Zoned AD Insert (ADI) Splicer. 5620 SAM does not support AD Insert (ADI) Splicer.</p> <p>(Feature Enhancement) WRED-Per-Queue. 5620 SAM does not support WRED-per-Queue which allows per-queue specific WRED capability on IOM3-XP and IMM cards.</p> <p>(Feature Enhancement) eiBGP Load Balancing. 5620 SAM does not support eiBGP load balancing for VPRN services.</p>

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

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R12)
	<p>(Feature Enhancement) LAG Support for HS-MDA. 5620 SAM does not support LAG's for HS-MDA ports.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) IPv6 PIM ASM. 5620 SAM does not support IPv6 PIM ASM.</p> <p>(Feature Enhancement) Multicast VPN Evolution with BGP Control Plane. 5620 SAM does not support Multicast VPN Evolution with BGP Control Plane.</p> <p>(Feature Enhancement) LDP over RSVP without Area-Boundary for IS-IS. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) OAM (Dying Gasp trap). 5620 SAM does not support "Dying gasp Trap" for OAM.</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) IGMP Host-Tracking. 5620 SAM does not support IGMP Host Tracking on IES and VPRN services, including subscriber interfaces. It is also not supported on VPLS service.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Active ISA Changed Trap for ISA IPsec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPsec Groups.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R12)
	<p>PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 8: 7750 SR 7.0 R10 through R11

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R10 through R11)
5620 SAM 8.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change. Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678]</p> <p>(Feature Enhancement) AA Subscriber Accounting Statistics Data Loss Alarm. 5620 SAM does not support the Application Assurance Subscriber Accounting Statistics Data Loss Alarm. [587679]</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” response status for OAM LSP Ping Tests. [587682]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R10 through R11)
	<p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) 7750 SR-c12 PBB MAC Name Support. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) MMRP IMPM Override. 5620 SAM does not support MMRP override for Ingress Multicast Path Management.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R10 through R11)
	<p>notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R10 through R11)
5620 SAM 8.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change. Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678]</p> <p>(Feature Enhancement) AA Subscriber Accounting Statistics Data Loss Alarm. 5620 SAM does not support the Application Assurance Subscriber Accounting Statistics Data Loss Alarm. [587679]</p> <p>(Feature Enhancement) IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680]</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” response status for OAM LSP Ping Tests. [587682]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the ‘limited’ option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R10 through R11)
	<p>does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) 7750 SR-c12 PBB MAC Name Support. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) MMRP IMPM Override. 5620 SAM does not support MMRP override for Ingress Multicast Path Management.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R10 through R11)
	<p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does</p>

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	<p>not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change. Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations.</p> <p>In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement.</p> <p>Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678]</p> <p>(Feature Enhancement) AA Subscriber Accounting Statistics Data Loss Alarm. 5620 SAM does not support the Application Assurance Subscriber Accounting Statistics Data Loss Alarm. [587679]</p> <p>(Feature Enhancement) IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680]</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” response status for OAM LSP Ping Tests. [587682]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the ‘limited’ option for the remove-private parameter on the Base and VPRN BGP</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R10 through R11)
	<p>routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) 7750 SR-c12 PBB MAC Name Support. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p>

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

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	<p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R7 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change. Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations.</p> <p>In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement.</p> <p>Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678]</p> <p>(Feature Enhancement) AA Subscriber Accounting Statistics Data Loss Alarm. 5620 SAM does not support the Application Assurance Subscriber Accounting Statistics Data Loss Alarm. [587679]</p> <p>(Feature Enhancement) IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680]</p>

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

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	<p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) 7750 SR-c12 PBB MAC Name Support. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) MMRP IMPM Override. 5620 SAM does not support MMRP override for Ingress Multicast Path Management.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from</p>

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	<p>Criteria).</p> <p>(Feature Enhancement) MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MPLS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support</p>

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	<p>the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R6 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change. Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations.</p> <p>In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement.</p> <p>Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678]</p> <p>(Feature Enhancement) AA Subscriber Accounting Statistics Data Loss Alarm. 5620 SAM does not support the Application Assurance Subscriber Accounting Statistics Data Loss Alarm. [587679]</p> <p>(Feature Enhancement) IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680]</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” response status for OAM LSP Ping Tests. [587682]</p> <p>(PTS 587683) Obsolete OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected,</p>

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	<p>issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) 7750 SR-c12 PBB MAC Name Support. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12.</p>

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

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R10 through R11)
	<p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change. Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations.</p> <p>In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement.</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R10 through R11)
	<p>Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678]</p> <p>(Feature Enhancement) AA Subscriber Accounting Statistics Data Loss Alarm. 5620 SAM does not support the Application Assurance Subscriber Accounting Statistics Data Loss Alarm. [587679]</p> <p>(Feature Enhancement) IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680]</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” reponse status for OAM LSP Ping Tests. [587682]</p> <p>(PTS 587683) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the ‘limited’ option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R10 through R11)
	<p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) 7750 SR-c12 PBB MAC Name Support. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) Long Channel Descriptions. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) MMRP IMPM Override. 5620 SAM does not support MMRP override for Ingress Multicast Path Management.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not</p>

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

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	<p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change. Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations.</p> <p>In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement.</p> <p>Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678]</p> <p>(Feature Enhancement) AA Subscriber Accounting Statistics Data Loss Alarm. 5620 SAM does not support the Application Assurance Subscriber Accounting Statistics Data Loss Alarm. [587679]</p> <p>(Feature Enhancement) IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680]</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” response status for OAM LSP Ping Tests. [587682]</p>

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

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

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

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R10 through R11)
	<p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup..</p>
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change. Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations.</p> <p>In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement.</p> <p>Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678]</p> <p>(Feature Enhancement) AA Subscriber Accounting Statistics Data Loss Alarm. 5620 SAM does not support the Application Assurance Subscriber Accounting Statistics Data Loss Alarm. [587679]</p> <p>(Feature Enhancement) IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680]</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” response status for OAM LSP Ping Tests. [587682]</p> <p>(PTS 587683) Obsolete OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R10 through R11)
	<p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) 7750 SR-c12. 5620 SAM does not support the 7750 SR-c12 prior to 5620 SAM 7.0.R4. Discovery of the router using 5620 SAM 7.0.R1 through R4</p>

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

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

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R10 through R11)
	<p>does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivelsaChgd) for ISA IPSec Groups.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R10 through R11)
	indicating events such as start and completion of a recover action after system startup.

Table 9: 7750 SR 7.0 R8 through R9

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R8 through R9)
5620 SAM 8.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) 7750 SR-c12 PBB MAC Name Support. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort,</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R8 through R9)
	<p>tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) MMRP IMPM Override. 5620 SAM does not support MMRP override for Ingress Multicast Path Management.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels.</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R8 through R9)
	<p>5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the ‘limited’ option for the remove-private parameter on the Base and VPRN BGP</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R8 through R9)
	<p>routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) 7750 SR-c12 PBB MAC Name Support. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) MMRP IMPM Override. 5620 SAM does not support MMRP override for Ingress Multicast Path Management.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p>

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

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R8 through R9)
	<p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the ‘limited’ option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R8 through R9)
	<p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) 7750 SR-c12 PBB MAC Name Support. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) MMRP IMPM Override. 5620 SAM does not support MMRP override for Ingress Multicast Path Management.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R8 through R9)
	<p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MPLS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R8 through R9)
	<p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R6 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the ‘limited’ option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R8 through R9)
	<p>does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) 7750 SR-c12 PBB MAC Name Support. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) MMRP IMPM Override. 5620 SAM does not support MMRP override for Ingress Multicast Path Management.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.</p>

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

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R8 through R9)
	<p>longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R8 through R9)
	<p>SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) 7750 SR-c12 PBB MAC Name Support. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) Long Channel Descriptions. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address.</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R8 through R9)
	<p>5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) MMRP IMPM Override. 5620 SAM does not support MMRP override for Ingress Multicast Path Management.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R8 through R9)
	<p>local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the ‘limited’ option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R8 through R9)
	<p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) Multi-Service Integrated Services Adapter. 5620 SAM does not support the Multi-Service Integrated Services Adapter (MS-ISA, MS-ISA-E).</p> <p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R8 through R9)
	<p>(Feature Enhancement) 7750 SR-c12 PBB MAC Name Support. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) Long Channel Descriptions. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) MMRP IMPM Override. 5620 SAM does not support MMRP override for Ingress Multicast Path Management.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R8 through R9)
	<p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R8 through R9)
	<p>L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) 7750 SR-c12. 5620 SAM does not support the 7750 SR-c12 prior to 5620 SAM 7.0.R4. Discovery of the router using 5620 SAM 7.0.R1 through R4 will not correctly identify and manage all components requiring the router to be unmanaged.</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R8 through R9)
	<p>(Feature Enhancement) Local/Zoned AD Insert (ADI) Splicer. 5620 SAM does not support AD Insert (ADI) Splicer.</p> <p>(Feature Enhancement) WRED-Per-Queue. 5620 SAM does not support WRED-per-Queue which allows per-queue specific WRED capability on IOM3-XP and IMM cards.</p> <p>(Feature Enhancement) eiBGP Load Balancing. 5620 SAM does not support eiBGP load balancing for VPRN services.</p> <p>(Feature Enhancement) LSR IP Load Balancing. 5620 SAM does not support LSR IP load balancing.</p> <p>(Feature Enhancement) SLA-Profile Based Egress Remarking. 5620 SAM does not support 'Egress QoS marking from SAP' for Subscriber Management SLA-Profiles.</p> <p>(Feature Enhancement) 5-Port 10G Ethernet XFP IMM. 5620 SAM does not support the 5-Port 10G Ethernet XFP Integrated Media Module (IMM).</p> <p>(Feature Enhancement) ESM on VSM (CCAG Use Origin SAP). 5620 SAM does not support ESM on VSM (CCAG Use Origin SAP) functionality for Group Interfaces on IES and VPRN services.</p> <p>(Feature Enhancement) Configurable CFM Thresholds. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds.</p> <p>(Feature Enhancement) PBB Access Dual Homing. 5620 SAM does not support PBB Access Dual Homing.</p> <p>(Feature Enhancement) G.8031 Protected Ethernet Tunnels. 5620 SAM does not support G.8031 Protected Ethernet Tunnels.</p> <p>(Feature Enhancement) TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) MMRP IMPM Override. 5620 SAM does not support MMRP override for Ingress Multicast Path Management.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) 1-Port 10G DWDM Tunable MDA. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA.</p> <p>(Feature Enhancement) 1-Port 10G HS (High Scale) MDA. 5620 SAM does not support the 1-Port 10G HS (High Scale) MDA.</p> <p>(Feature Enhancement) Video ISA MDA. 5620 SAM does not support the Video ISA MDA. If a pre-SAM 7.0R4 release manages a 7750 or 7450 router with configured Video Groups containing ISA-Video group members, then invalid LAG entries will appear in SAM. The LAGs will incorrectly appear in the SAM Equipment tree with LAG IDs greater than 200. Furthermore, if the router has VPLS, IES or VPRN services that have configured video interfaces and associated video interface address(es), then invalid L2/L3 access interfaces and addresses will appear for these services. Attempting to modify or delete these LAGs, access interfaces or addresses via SAM will result in failed deployments.</p> <p>(Feature Enhancement) RETransmission Client and Server. 5620 SAM does not support the Retransmission Client and Server for Video ISA.</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R8 through R9)
	<p>(Feature Enhancement) Fast Channel Change Server. 5620 SAM does not support the Fast Channel Change Server.</p> <p>(Feature Enhancement) H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LAG Support for HS-MDA. 5620 SAM does not support LAG's for HS-MDA ports.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) IPv6 PIM ASM. 5620 SAM does not support IPv6 PIM ASM.</p> <p>(Feature Enhancement) Multicast VPN Evolution with BGP Control Plane. 5620 SAM does not support Multicast VPN Evolution with BGP Control Plane.</p> <p>(Feature Enhancement) LDP over RSVP without Area-Boundary for IS-IS. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) OAM (Dying Gasp trap). 5620 SAM does not support "Dying gasp Trap" for OAM.</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) IGMP Host-Tracking. 5620 SAM does not support IGMP Host Tracking on IES and VPRN services, including subscriber interfaces. It is also not supported on VPLS service.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R8 through R9)
	<p>(Feature Enhancement) Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivelsaChgd) for ISA IPSec Groups.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 10: 7750 SR 7.0 R7

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R7)
5620 SAM 8.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) 7750 SR-c12 PBB MAC Name Support. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) MMRP IMPM Override. 5620 SAM does not support MMRP override for Ingress Multicast Path Management.</p>

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

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R7)
	<p>replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the ‘limited’ option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R7)
	<p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) 7750 SR-c12 PBB MAC Name Support. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) MMRP IMPM Override. 5620 SAM does not support MMRP override for Ingress Multicast Path Management.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R7)
	<p>SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R7)
	<p>(Feature Enhancement) tmnCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the ‘limited’ option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R7)
	<p>does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) 7750 SR-c12 PBB MAC Name Support. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) MMRP IMPM Override. 5620 SAM does not support MMRP override for Ingress Multicast Path Management.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R7)
	<p>Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R7)
	startup.
5620 SAM 7.0 R6 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R7)
	<p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) 7750 SR-c12 PBB MAC Name Support. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) MMRP IMPM Override. 5620 SAM does not support MMRP override for Ingress Multicast Path Management.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R7)
	<p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R7)
5620 SAM 7.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R7)
	<p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) 7750 SR-c12 PBB MAC Name Support. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) Long Channel Descriptions. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) MMRP IMPM Override. 5620 SAM does not support MMRP override for Ingress Multicast Path Management.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R7)
	<p>Criteria).</p> <p>(Feature Enhancement) MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MPLS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R7)
	<p>the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the ‘limited’ option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a ‘Target Type’ of ‘Any LSP’ with a non-0.0.0.0 ‘Destination Path Address’ defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R7)
	<p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) Multi-Service Integrated Services Adapter. 5620 SAM does not support the Multi-Service Integrated Services Adapter (MS-ISA, MS-ISA-E).</p> <p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) 7750 SR-c12 PBB MAC Name Support. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) Long Channel Descriptions. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) MMRP IMPM Override. 5620 SAM does not support MMRP override for Ingress Multicast Path Management.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R7)
	<p>MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MPLS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support.</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R7)
	<p>5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R7)
	<p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) 7750 SR-c12. 5620 SAM does not support the 7750 SR-c12 prior to 5620 SAM 7.0.R4. Discovery of the router using 5620 SAM 7.0.R1 through R4 will not correctly identify and manage all components requiring the router to be unmanaged.</p> <p>(Feature Enhancement) Local/Zoned AD Insert (ADI) Splicer. 5620 SAM does not support AD Insert (ADI) Splicer.</p> <p>(Feature Enhancement) WRED-Per-Queue. 5620 SAM does not support WRED-per-Queue which allows per-queue specific WRED capability on IOM3-XP and IMM cards.</p> <p>(Feature Enhancement) eiBGP Load Balancing. 5620 SAM does not support eiBGP load balancing for VPRN services.</p> <p>(Feature Enhancement) LSR IP Load Balancing. 5620 SAM does not support LSR IP load balancing.</p> <p>(Feature Enhancement) SLA-Profile Based Egress Marking. 5620 SAM does not support 'Egress QoS marking from SAP' for Subscriber Management SLA-Profiles.</p> <p>(Feature Enhancement) 5-Port 10G Ethernet XFP IMM. 5620 SAM does not support the 5-Port 10G Ethernet XFP Integrated Media Module (IMM).</p> <p>(Feature Enhancement) ESM on VSM (CCAG Use Origin SAP). 5620 SAM does not support ESM on VSM (CCAG Use Origin SAP) functionality for Group Interfaces on IES and VPRN services.</p> <p>(Feature Enhancement) Configurable CFM Thresholds. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds.</p> <p>(Feature Enhancement) PBB Access Dual Homing. 5620 SAM does not support PBB Access Dual Homing.</p> <p>(Feature Enhancement) G.8031 Protected Ethernet Tunnels. 5620 SAM does not support G.8031 Protected Ethernet Tunnels.</p> <p>(Feature Enhancement) TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) MMRP IMPM Override. 5620 SAM does not support MMRP override for Ingress Multicast Path Management.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R7)
	<p>support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) 1-Port 10G DWDM Tunable MDA. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA.</p> <p>(Feature Enhancement) 1-Port 10G HS (High Scale) MDA. 5620 SAM does not support the 1-Port 10G HS (High Scale) MDA.</p> <p>(Feature Enhancement) Video ISA MDA. 5620 SAM does not support the Video ISA MDA. If a pre-SAM 7.0R4 release manages a 7750 or 7450 router with configured Video Groups containing ISA-Video group members, then invalid LAG entries will appear in SAM. The LAGs will incorrectly appear in the SAM Equipment tree with LAG IDs greater than 200. Furthermore, if the router has VPLS, IES or VPRN services that have configured video interfaces and associated video interface address(es), then invalid L2/L3 access interfaces and addresses will appear for these services. Attempting to modify or delete these LAGs, access interfaces or addresses via SAM will result in failed deployments.</p> <p>(Feature Enhancement) RETransmission Client and Server. 5620 SAM does not support the Retransmission Client and Server for Video ISA.</p> <p>(Feature Enhancement) Fast Channel Change Server. 5620 SAM does not support the Fast Channel Change Server.</p> <p>(Feature Enhancement) H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LAG Support for HS-MDA. 5620 SAM does not support LAG's for HS-MDA ports.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) IPv6 PIM ASM. 5620 SAM does not support IPv6 PIM ASM.</p> <p>(Feature Enhancement) Multicast VPN Evolution with BGP Control Plane. 5620 SAM does not support Multicast VPN Evolution with BGP Control Plane.</p> <p>(Feature Enhancement) LDP over RSVP without Area-Boundary for IS-IS. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) OAM (Dying Gasp trap). 5620 SAM does not support "Dying gasp Trap" for OAM.</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R7)
	<p>notifications on MVPN BGP.</p> <p>(Feature Enhancement) IGMP Host-Tracking. 5620 SAM does not support IGMP Host Tracking on IES and VPRN services, including subscriber interfaces. It is also not supported on VPLS service.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Active ISA Changed Trap for ISA IPsec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivelsaChgd) for ISA IPsec Groups.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R7)
	<p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 11: 7750 SR 7.0 R6

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R6)
5620 SAM 8.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) 7750 SR-c12 PBB MAC Name Support. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) MMRP IMPM Override. 5620 SAM does not support MMRP override for Ingress Multicast Path Management.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R6)
	<p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R6)
	<p>Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) 7750 SR-c12 PBB MAC Name Support. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R6)
	<p>(Feature Enhancement) MMRP IMPM Override. 5620 SAM does not support MMRP override for Ingress Multicast Path Management.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R6)
	<p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R6)
	<p>configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) 7750 SR-c12 PBB MAC Name Support. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) MMRP IMPM Override. 5620 SAM does not support MMRP override for Ingress Multicast Path Management.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R6)
	<p>notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R6)
5620 SAM 7.0 R6 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) 7750 SR-c12 PBB MAC Name Support. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R6)
	<p>(Feature Enhancement) MMRP IMPM Override. 5620 SAM does not support MMRP override for Ingress Multicast Path Management.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R6)
	<p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup..</p>
5620 SAM 7.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a ‘Target Type’ of ‘Any LSP’ with a non-0.0.0.0 ‘Destination Path Address’ defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R6)
	<p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) 7750 SR-c12 PBB MAC Name Support. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) Long Channel Descriptions. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) MMRP IMPM Override. 5620 SAM does not support MMRP override for Ingress Multicast Path Management.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R6)
	<p>support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R6)
	<p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup..</p>
5620 SAM 7.0 R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) Multi-Service Integrated Services Adapter. 5620 SAM does not support the Multi-Service Integrated Services Adapter (MS-ISA, MS-ISA-E).</p> <p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R6)
	<p>Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) 7750 SR-c12 PBB MAC Name Support. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) Long Channel Descriptions. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) MMRP IMPM Override. 5620 SAM does not support MMRP override for Ingress Multicast Path Management.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R6)
	<p>MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms.</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R6)
	5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) 7750 SR-c12. 5620 SAM does not support the 7750 SR-c12 prior to 5620 SAM 7.0.R4. Discovery of the router using 5620 SAM 7.0.R1 through R4 will not correctly identify and manage all components requiring the router to be unmanaged.</p> <p>(Feature Enhancement) Local/Zoned AD Insert (ADI) Splicer. 5620 SAM does not support AD Insert (ADI) Splicer.</p> <p>(Feature Enhancement) WRED-Per-Queue. 5620 SAM does not support WRED-per-Queue which allows per-queue specific WRED capability on IOM3-XP and IMM cards.</p> <p>(Feature Enhancement) eiBGP Load Balancing. 5620 SAM does not support eiBGP load balancing for VPRN services.</p> <p>(Feature Enhancement) LSR IP Load Balancing. 5620 SAM does not support LSR IP load balancing.</p> <p>(Feature Enhancement) SLA-Profile Based Egress Marking. 5620 SAM does not support 'Egress QoS marking from SAP' for Subscriber Management SLA-Profiles.</p> <p>(Feature Enhancement) 5-Port 10G Ethernet XFP IMM. 5620 SAM does not support the 5-Port 10G Ethernet XFP Integrated Media Module (IMM).</p> <p>(Feature Enhancement) ESM on VSM (CCAG Use Origin SAP). 5620 SAM does not support ESM on VSM (CCAG Use Origin SAP) functionality for Group Interfaces on IES and VPRN services.</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R6)
	<p>(Feature Enhancement) Configurable CFM Thresholds. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds.</p> <p>(Feature Enhancement) PBB Access Dual Homing. 5620 SAM does not support PBB Access Dual Homing.</p> <p>(Feature Enhancement) G.8031 Protected Ethernet Tunnels. 5620 SAM does not support G.8031 Protected Ethernet Tunnels.</p> <p>(Feature Enhancement) TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) MMRP IMPM Override. 5620 SAM does not support MMRP override for Ingress Multicast Path Management.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) 1-Port 10G DWDM Tunable MDA. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA.</p> <p>(Feature Enhancement) 1-Port 10G HS (High Scale) MDA. 5620 SAM does not support the 1-Port 10G HS (High Scale) MDA.</p> <p>(Feature Enhancement) Video ISA MDA. 5620 SAM does not support the Video ISA MDA. If a pre-SAM 7.0R4 release manages a 7750 or 7450 router with configured Video Groups containing ISA-Video group members, then invalid LAG entries will appear in SAM. The LAGs will incorrectly appear in the SAM Equipment tree with LAG IDs greater than 200. Furthermore, if the router has VPLS, IES or VPRN services that have configured video interfaces and associated video interface address(es), then invalid L2/L3 access interfaces and addresses will appear for these services. Attempting to modify or delete these LAGs, access interfaces or addresses via SAM will result in failed deployments.</p> <p>(Feature Enhancement) RETransmission Client and Server. 5620 SAM does not support the Retransmission Client and Server for Video ISA.</p> <p>(Feature Enhancement) Fast Channel Change Server. 5620 SAM does not support the Fast Channel Change Server.</p> <p>(Feature Enhancement) H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LAG Support for HS-MDA. 5620 SAM does not support LAG's for HS-MDA ports.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R6)
	<p>(Feature Enhancement) IPv6 PIM ASM. 5620 SAM does not support IPv6 PIM ASM.</p> <p>(Feature Enhancement) Multicast VPN Evolution with BGP Control Plane. 5620 SAM does not support Multicast VPN Evolution with BGP Control Plane.</p> <p>(Feature Enhancement) LDP over RSVP without Area-Boundary for IS-IS. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) OAM (Dying Gasp trap). 5620 SAM does not support “Dying gasp Trap” for OAM.</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) IGMP Host-Tracking. 5620 SAM does not support IGMP Host Tracking on IES and VPRN services, including subscriber interfaces. It is also not supported on VPLS service.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Active ISA Changed Trap for ISA IPsec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivelsaChgd) for ISA IPsec Groups.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R6)
	<p>Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 12: 7750 SR 7.0 R5

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R5)
5620 SAM 8.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) 7750 SR-c12 PBB MAC Name Support. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) MMRP IMPM Override. 5620 SAM does not support MMRP override for Ingress Multicast Path Management.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R5)
	<p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R5)
5620 SAM 8.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) 7750 SR-c12 PBB MAC Name Support. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) MMRP IMPM Override. 5620 SAM does not support MMRP override for Ingress Multicast Path Management.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R5)
	<p>ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R5)
5620 SAM 8.0 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) 7750 SR-c12 PBB MAC Name Support. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) MMRP IMPM Override. 5620 SAM does not support MMRP override for Ingress Multicast Path Management.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R5)
	<p>(Feature Enhancement) MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R5)
	<p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R6 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) 7750 SR-c12 PBB MAC Name Support. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) MMRP IMPM Override. 5620 SAM does not support MMRP override for Ingress Multicast Path Management.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R5)
	<p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MPLS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R5)
	<p>Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) 7750 SR-c12 PBB MAC Name Support. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) Long Channel Descriptions. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) MMRP IMPM Override. 5620 SAM does not support MMRP override for Ingress Multicast Path Management.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not</p>

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

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R5)
	<p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Multi-Service Integrated Services Adapter. 5620 SAM does not support the Multi-Service Integrated Services Adapter (MS-ISA, MS-ISA-E).</p> <p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) 7750 SR-c12 PBB MAC Name Support. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) Long Channel Descriptions. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R5)
	<p>Groups. A maximum of 80 character descriptions are currently supported.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) MMRP IMPM Override. 5620 SAM does not support MMRP override for Ingress Multicast Path Management.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R5)
	<p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) 7750 SR-c12. 5620 SAM does not support the 7750 SR-c12 prior to 5620 SAM 7.0.R4. Discovery of the router using 5620 SAM 7.0.R1 through R4 will not correctly identify and manage all components requiring the router to be unmanaged.</p> <p>(Feature Enhancement) Local/Zoned AD Insert (ADI) Splicer. 5620 SAM does not support AD Insert (ADI) Splicer.</p> <p>(Feature Enhancement) WRED-Per-Queue. 5620 SAM does not support WRED-per-Queue which allows per-queue specific WRED capability on IOM3-XP and IMM cards.</p> <p>(Feature Enhancement) eiBGP Load Balancing. 5620 SAM does not support eiBGP load balancing for VPRN services.</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R5)
	<p>(Feature Enhancement) LSR IP Load Balancing. 5620 SAM does not support LSR IP load balancing.</p> <p>(Feature Enhancement) SLA-Profile Based Egress Remarking. 5620 SAM does not support 'Egress QoS marking from SAP' for Subscriber Management SLA-Profiles.</p> <p>(Feature Enhancement) 5-Port 10G Ethernet XFP IMM. 5620 SAM does not support the 5-Port 10G Ethernet XFP Integrated Media Module (IMM).</p> <p>(Feature Enhancement) ESM on VSM (CCAG Use Origin SAP). 5620 SAM does not support ESM on VSM (CCAG Use Origin SAP) functionality for Group Interfaces on IES and VPRN services.</p> <p>(Feature Enhancement) Configurable CFM Thresholds. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds.</p> <p>(Feature Enhancement) PBB Access Dual Homing. 5620 SAM does not support PBB Access Dual Homing.</p> <p>(Feature Enhancement) G.8031 Protected Ethernet Tunnels. 5620 SAM does not support G.8031 Protected Ethernet Tunnels.</p> <p>(Feature Enhancement) TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) MMRP IMPM Override. 5620 SAM does not support MMRP override for Ingress Multicast Path Management.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) 1-Port 10G DWDM Tunable MDA. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA.</p> <p>(Feature Enhancement) 1-Port 10G HS (High Scale) MDA. 5620 SAM does not support the 1-Port 10G HS (High Scale) MDA.</p> <p>(Feature Enhancement) Video ISA MDA. 5620 SAM does not support the Video ISA MDA. If a pre-SAM 7.0R4 release manages a 7750 or 7450 router with configured Video Groups containing ISA-Video group members, then invalid LAG entries will appear in SAM. The LAGs will incorrectly appear in the SAM Equipment tree with LAG IDs greater than 200. Furthermore, if the router has VPLS, IES or VPRN services that have configured video interfaces and associated video interface address(es), then invalid L2/L3 access interfaces and addresses will appear for these services. Attempting to modify or delete these LAGs, access interfaces or addresses via SAM will result in failed deployments.</p> <p>(Feature Enhancement) RETransmission Client and Server. 5620 SAM does not support the Retransmission Client and Server for Video ISA.</p> <p>(Feature Enhancement) Fast Channel Change Server. 5620 SAM does not support the Fast Channel Change Server.</p> <p>(Feature Enhancement) H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R5)
	<p>(Feature Enhancement) LAG Support for HS-MDA. 5620 SAM does not support LAG's for HS-MDA ports.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) IPv6 PIM ASM. 5620 SAM does not support IPv6 PIM ASM.</p> <p>(Feature Enhancement) Multicast VPN Evolution with BGP Control Plane. 5620 SAM does not support Multicast VPN Evolution with BGP Control Plane.</p> <p>(Feature Enhancement) LDP over RSVP without Area-Boundary for IS-IS. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) OAM (Dying Gasp trap). 5620 SAM does not support "Dying gasp Trap" for OAM.</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) IGMP Host-Tracking. 5620 SAM does not support IGMP Host Tracking on IES and VPRN services, including subscriber interfaces. It is also not supported on VPLS service.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Active ISA Changed Trap for ISA IPsec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPsec Groups.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R5)
	<p>PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 13: 7750 SR 7.0 R4

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R4)
5620 SAM 8.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) MMRP IMPM Override. 5620 SAM does not support MMRP override for Ingress Multicast Path Management.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R4)
	<p>SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R5 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) MMRP IMPM Override. 5620 SAM does not support MMRP override for Ingress Multicast Path Management.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R4)
	<p>Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MPLS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R4)
	<p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) MMRP IMPM Override. 5620 SAM does not support MMRP override for Ingress Multicast Path Management.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG’s for HS-MDA’s LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R4)
	<p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms</p>

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

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

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R4)
	<p>not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivelsaChgd) for ISA IPSec Groups.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R4)
	<p>redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 14: 7750 SR 7.0 R3

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R3)
5620 SAM 8.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R3)
	<p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) 1-Port 10G DWDM Tunable MDA. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA.</p>
5620 SAM 7.0 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG’s for HS-MDA’s LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R3)
	<p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) 1-Port 10G DWDM Tunable MDA. 5620 SAM does not support</p>

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

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R3)
	<p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Active ISA Changed Trap for ISA IPsec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPsec Groups.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R3)
	<p>Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 15: 7750 SR 7.0 R1 through R2

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R1 through R2)
5620 SAM 8.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R1 through R2)
	indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R1 through R2)
	startup.
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Active ISA Changed Trap for ISA IPsec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIslaGrpActivelsaChgd) for ISA IPsec Groups.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p>

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R1 through R2)
	<p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

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Table 16: 7750 SR 6.1 R18

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R18)
5620 SAM 8.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [596583]</p> <p>(Feature Enhancement) Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups.</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R18)
	<p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R18)
	<p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R1 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [596583]</p> <p>(Feature Enhancement) Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups.</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R18)
	<p>configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support</p>

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

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R18)
	<p>ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R18)
	<p>Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R6	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [596583]</p> <p>(Feature Enhancement) Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]</p> <p>(PTS 584368) Obsolete OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups.</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R18)
	<p>delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R18)
	<p>PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R4 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IPMP Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [596583]</p> <p>(Feature Enhancement) Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R18)
	<p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]</p> <p>(PTS 584368) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups.</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R18)
	<p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R18)
	<p>redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [596583]</p> <p>(Feature Enhancement) Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]</p> <p>(PTS 584368) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups.</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R18)
	<p>for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivelsaChgd) for ISA IPSec Groups.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R18)
	<p>does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R6 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IPMP Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [596583]</p> <p>(Feature Enhancement) Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R18)
	<p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]</p> <p>(PTS 584368) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups.</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p>

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	<p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Active ISA Changed Trap for ISA IPsec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPsec Groups.</p> <p>(PTS 549206) Multi-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlnPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R18)
	<p>SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R4 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IPPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [596583]</p> <p>(Feature Enhancement) Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]</p>

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

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	<p>robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Active ISA Changed Trap for ISA IPsec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivesaChgd) for ISA IPsec Groups.</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlnPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap chap pref-chap}) for Subscriber Management PPPoE Policies.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p>

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	<p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [596583]</p> <p>(Feature Enhancement) Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]</p>

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

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R18)
	<p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Active ISA Changed Trap for ISA IPsec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivelsaChgd) for ISA IPsec Groups.</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsxPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap chap pref-chap}) for Subscriber Management PPPoE Policies.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R18)
	<p>state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R18)
	startup.
5620 SAM 6.1 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [596583]</p> <p>(Feature Enhancement) Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]</p> <p>(PTS 584368) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups.</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a ‘Target Type’ of ‘Any LSP’ with a non-0.0.0.0 ‘Destination Path Address’ defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R18)
	<p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Active ISA Changed Trap for ISA IPsec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivelsaChgd) for ISA IPsec Groups.</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurances and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R18)
	<p>PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap chap pref-chap}) for Subscriber Management PPPoE Policies.</p> <p>(Feature Enhancement) MAF and CPM Filter MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R18)
	<p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 17: 7750 SR 6.1 R17

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R17)
5620 SAM 8.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups.</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R17)
	<p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R17)
	startup.
5620 SAM 8.0 R1 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups.</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R17)
	<p>limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R17)
	<p>the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R7 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups.</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R17)
	<p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R17)
	<p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R6	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]</p> <p>(PTS 584368) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups.</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R17)
	<p>configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R17)
	<p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R4 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]</p> <p>(PTS 584368) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups.</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R17)
	<p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p>

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	<p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R17)
	<p>not support the selection state for system timing references. [584367]</p> <p>(PTS 584368) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups.</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round</p>

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	<p>robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Active ISA Changed Trap for ISA IPsec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivesaChgd) for ISA IPsec Groups.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p>

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

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R17)
	<p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Active ISA Changed Trap for ISA IPsec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIslaGrpActivelsaChgd) for ISA IPsec Groups.</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R17)
	<p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘<code>tmnxDSXClockSyncStateChange</code>’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R17)
	<p>not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R4 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]</p> <p>(PTS 584368) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups.</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R17)
	<p>5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivelsaChgd) for ISA IPSec Groups.</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap chap pref-chap})</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R17)
	<p>for Subscriber Management PPPoE Policies.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p>

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	<p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]</p> <p>(PTS 584368) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups.</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a ‘Target Type’ of ‘Any LSP’ with a non-0.0.0.0 ‘Destination Path Address’</p>

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	<p>defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups.</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not</p>

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	<p>support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (<code>ppp-authentication {pap chap pref-chap}</code>) for Subscriber Management PPPoE Policies.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘<code>tmnxDSXClockSyncStateChange</code>’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R17)
	<p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]</p> <p>(PTS 584368) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups.</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R17)
	<p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Active ISA Changed Trap for ISA IPsec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivelsaChgd) for ISA IPsec Groups.</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R17)
	<p>support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap chap pref-chap}) for Subscriber Management PPPoE Policies.</p> <p>(Feature Enhancement) MAF and CPM Filter MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R17)
	<p>support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 18: 7750 SR 6.1 R15 through R16

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R15 through R16)
5620 SAM 8.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups.</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R15 through R16)
	<p>support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R1 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: <code>powerCycle</code>, <code>clearCard</code>, <code>activitySwitch</code>, <code>configChange</code>, <code>runtimeFail</code>, <code>bootFail</code>, <code>unexpected</code>,</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R15 through R16)
	<p>issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups.</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R15 through R16)
	<p>policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R7 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: <code>powerCycle</code>, <code>clearCard</code>, <code>activitySwitch</code>, <code>configChange</code>, <code>runtimeFail</code>, <code>bootFail</code>, <code>unexpected</code>,</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R15 through R16)
	<p>issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups.</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R15 through R16)
	<p>support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R6	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]</p> <p>(PTS 584368) Obsolete OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (<code>tmnxOamPingCtlMaxRows</code>, <code>tmnxOamTrCtlMaxRows</code>), a deployment</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R15 through R16)
	<p>failure will occur. [584368]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups.</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R15 through R16)
	<p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R4	Network element supported with the following limitations:

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R15 through R16)
through R5	<p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]</p> <p>(PTS 584368) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups.</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R15 through R16)
	<p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the</p>

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

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R15 through R16)
	<p>support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivelsaChgd) for ISA IPSec Groups.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R15 through R16)
	<p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R6 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]</p> <p>(PTS 584368) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups.</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R15 through R16)
	<p>increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Active ISA Changed Trap for ISA IPsec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivelsaChgd) for ISA IPsec Groups.</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R15 through R16)
	<p>support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘<code>tmnxDSXClockSyncStateChange</code>’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R15 through R16)
	<p>Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R4 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]</p> <p>(PTS 584368) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups.</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have an endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a ‘Target Type’ of ‘Any LSP’ with a non-0.0.0.0 ‘Destination Path Address’ defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R15 through R16)
	<p>support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIslaGrpActivesaChgd) for ISA IPSec Groups.</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap chap pref-chap}) for Subscriber Management PPPoE Policies.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R15 through R16)
	<p>MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p>

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

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R15 through R16)
	<p>the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Active ISA Changed Trap for ISA IPsec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPsec Groups.</p> <p>(PTS 549206) Multi-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tmlPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap chap pref-chap}) for Subscriber Management PPPoE Policies.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R15 through R16)
	<p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R15 through R16)
	<p>not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]</p> <p>(PTS 584368) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups.</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a ‘Target Type’ of ‘Any LSP’ with a non-0.0.0.0 ‘Destination Path Address’ defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R15 through R16)
	<p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivelsaChgd) for ISA IPSec Groups.</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) PPPoE Policy PPP Authentication Protocol. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R15 through R16)
	<p>not support PPP Authentication Protocol (ppp-authentication {pap chap pref-chap}) for Subscriber Management PPPoE Policies.</p> <p>(Feature Enhancement) MAF and CPM Filter MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R15 through R16)
	<p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 19: 7750 SR 6.1 R14

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R14)
5620 SAM 8.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups.</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R14)
	<p>support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R1 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: <code>powerCycle</code>, <code>clearCard</code>, <code>activitySwitch</code>, <code>configChange</code>, <code>runtimeFail</code>, <code>bootFail</code>, <code>unexpected</code>, <code>issuTimeout</code>, <code>reinserted</code>. [576527]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not</p>

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	<p>support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups.</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not</p>

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	<p>support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R6 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: <code>powerCycle</code>, <code>clearCard</code>, <code>activitySwitch</code>, <code>configChange</code>, <code>runtimeFail</code>, <code>bootFail</code>, <code>unexpected</code>, <code>issuTimeout</code>, <code>reinserted</code>. [576527]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups.</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p>

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	<p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p>

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	<p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R4 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups.</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card</p>

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	<p>PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not</p>

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	<p>support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: <code>powerCycle</code>, <code>clearCard</code>, <code>activitySwitch</code>, <code>configChange</code>, <code>runtimeFail</code>, <code>bootFail</code>, <code>unexpected</code>, <code>issuTimeout</code>, <code>reinserted</code>. [576527]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups.</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial</p>

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

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	<p>IPSec Groups.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R14)
	indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R6 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups.</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R14)
	<p>robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Active ISA Changed Trap for ISA IPsec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivelsaChgd) for ISA IPsec Groups.</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R14)
	<p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R4 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups.</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p>

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

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	<p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (<code>ppp-authentication {pap chap pref-chap}</code>) for Subscriber Management PPPoE Policies.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘<code>tmnxDSXClockSyncStateChange</code>’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R14)
	<p>Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups.</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p>

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	<p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivelsaChgd) for ISA IPSec Groups.</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors,</p>

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	<p>unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (<code>ppp-authentication {pap chap pref-chap}</code>) for Subscriber Management PPPoE Policies.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘<code>tmnxDSXClockSyncStateChange</code>’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R14)
	<p>5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups.</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a ‘Target Type’ of ‘Any LSP’ with a non-0.0.0.0 ‘Destination Path Address’ defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R14)
	<p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Active ISA Changed Trap for ISA IPsec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivelsaChgd) for ISA IPsec Groups.</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurances and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R14)
	<p>PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap chap pref-chap}) for Subscriber Management PPPoE Policies.</p> <p>(Feature Enhancement) MAF and CPM Filter MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R14)
	<p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 20: 7750 SR 6.1 R13

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R13)
5620 SAM 8.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R13)
	<p>SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R13)
5620 SAM 8.0 R1 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R13)
	<p>PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R13)
5620 SAM 7.0 R6 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R13)
	<p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R13)
5620 SAM 7.0 R4 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R13)
	<p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R13)
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R13)
	<p>(Feature Enhancement) Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivesaChgd) for ISA IPSec Groups.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R13)
	<p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R6 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R13)
	<p>daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Active ISA Changed Trap for ISA IPsec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivelsaChgd) for ISA IPsec Groups.</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlnxPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R13)
	<p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R4 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a ‘Target Type’ of ‘Any LSP’ with a non-0.0.0.0 ‘Destination Path Address’ defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R13)
	<p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivelsaChgd) for ISA IPSec Groups.</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap chap pref-chap}) for Subscriber Management PPPoE Policies.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R13)
	<p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R13)
	<p>the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup..</p>
5620 SAM 6.1 R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a ‘Target Type’ of ‘Any LSP’ with a non-0.0.0.0 ‘Destination Path Address’ defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R13)
	<p>OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivelsaChgd) for ISA IPSec Groups.</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap chap pref-chap}) for Subscriber Management PPPoE Policies.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R13)
	<p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R13)
5620 SAM 6.1 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R13)
	<p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIslaGrpActivelsaChgd) for ISA IPSec Groups.</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap chap pref-chap}) for Subscriber Management PPPoE Policies.</p> <p>(Feature Enhancement) MAF and CPM Filter MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R13)
	<p>local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 21: 7750 SR 6.1 R12

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R12)
5620 SAM 8.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R12)
	<p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R1 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R12)
	<p>tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsxPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R12)
	<p>not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R6 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R12)
	<p>support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R12)
	<p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R4 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a ‘Target Type’ of ‘Any LSP’ with a non-0.0.0.0 ‘Destination Path Address’ defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R12)
	<p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1	Network element supported with the following limitations:

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R12)
through R3	<p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Active ISA Changed Trap for ISA IPsec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivelsaChgd) for ISA IPsec Groups.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors,</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R12)
	<p>unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R12)
5620 SAM 6.1 R6 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Active ISA Changed Trap for ISA IPsec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPsec Groups.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R12)
	<p>(PTS 549206) Multi-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘<code>tmnxDSXClockSyncStateChange</code>’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R12)
	<p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R4 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a ‘Target Type’ of ‘Any LSP’ with a non-0.0.0.0 ‘Destination Path Address’ defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R12)
	<p>support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivelsaChgd) for ISA IPSec Groups.</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tmlPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap chap pref-chap}) for Subscriber Management PPPoE Policies.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R12)
	<p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R12)
	<p>increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Active ISA Changed Trap for ISA IPsec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivelsaChgd) for ISA IPsec Groups.</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R12)
	<p>support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap chap pref-chap}) for Subscriber Management PPPoE Policies.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R12)
	<p>not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R12)
	<p>configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivelsaChgd) for ISA IPSec Groups.</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurances and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R12)
	<p>(Feature Enhancement) PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap chap pref-chap}) for Subscriber Management PPPoE Policies.</p> <p>(Feature Enhancement) MAF and CPM Filter MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R12)
	<p>Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 22: 7750 SR 6.1 R11

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R11)
5620 SAM 8.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R11)
	<p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R1 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R11)
	<p>limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R11)
	<p>the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R11)
	<p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R11)
	<p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivelsaChgd) for ISA IPSec Groups.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R11)
	<p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R6 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R11)
	<p>not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivelsaChgd) for ISA IPSec Groups.</p> <p>(PTS 549206) Multi-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlnPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R11)
	<p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R4 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R11)
	<p>limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivelsaChgd) for ISA IPSec Groups.</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlnxPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap chap pref-chap}) for Subscriber Management PPPoE Policies.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R11)
	<p>local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R11)
	<p>configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivelsaChgd) for ISA IPSec Groups.</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurances and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R11)
	<p>(Feature Enhancement) PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap chap pref-chap}) for Subscriber Management PPPoE Policies.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R11)
	<p>not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R11)
	<p>does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivelsaChgd) for ISA IPSec Groups.</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap chap pref-chap}) for Subscriber Management PPPoE Policies.</p> <p>(Feature Enhancement) MAF and CPM Filter MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R11)
	<p>SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 23: 7750 SR 6.1 R10

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R10)
5620 SAM 8.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R10)
	<p>SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R10)
	<p>support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R10)
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Active ISA Changed Trap for ISA IPsec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivelsaChgd) for ISA IPsec Groups.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tplsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R10)
	<p>does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R10)
5620 SAM 6.1 R6 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Active ISA Changed Trap for ISA IPsec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivelsaChgd) for ISA IPsec Groups.</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R10)
	<p>MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R10)
	<p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R4 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Active ISA Changed Trap for ISA IPsec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivelsaChgd) for ISA IPsec Groups.</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R10)
	<p>policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (<code>ppp-authentication {pap chap pref-chap}</code>) for Subscriber Management PPPoE Policies.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘<code>tmnxDSXClockSyncStateChange</code>’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R10)
	<p>5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R10)
	<p>daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Active ISA Changed Trap for ISA IPsec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivelsaChgd) for ISA IPsec Groups.</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap chap pref-chap}) for Subscriber Management PPPoE Policies.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R10)
	<p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R10)
5620 SAM 6.1 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups.</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R10)
	<p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (<code>ppp-authentication {pap chap pref-chap}</code>) for Subscriber Management PPPoE Policies.</p> <p>(Feature Enhancement) MAF and CPM Filter MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘<code>tmnxDSXClockSyncStateChange</code>’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R10)
	<p>Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 24: 7750 SR 6.1 R9

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R9)
5620 SAM 8.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R9)
	<p>longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R9)
	<p>MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R9)
	<p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Active ISA Changed Trap for ISA IPsec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivelsaChgd) for ISA IPsec Groups.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R9)
	<p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup..</p>
5620 SAM 6.1 R6 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Active ISA Changed Trap for ISA IPsec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsgGrpActivesaChgd) for ISA IPsec Groups.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R9)
	<p>(PTS 549206) Multi-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘<code>tmnxDSXClockSyncStateChange</code>’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R9)
	<p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R4 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R9)
	<p>does not support the Active ISA Changed trap (tmnxIPseclsaGrpActivelsaChgd) for ISA IPSec Groups.</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap chap pref-chap}) for Subscriber Management PPPoE Policies.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R9)
	<p>longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R9)
	<p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Active ISA Changed Trap for ISA IPsec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivelsaChgd) for ISA IPsec Groups.</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurances and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap chap pref-chap}) for Subscriber Management PPPoE Policies.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R9)
	<p>local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R9)
5620 SAM 6.1 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Active ISA Changed Trap for ISA IPsec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivelsaChgd) for ISA IPsec Groups.</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R9)
	<p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (<code>ppp-authentication {pap chap pref-chap}</code>) for Subscriber Management PPPoE Policies.</p> <p>(Feature Enhancement) MAF and CPM Filter MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘<code>tmnxDSXClockSyncStateChange</code>’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R9)
	<p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 25: 7750 SR 6.1 R7 through R8

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R7 through R8)
5620 SAM 8.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Active ISA Changed Trap for ISA IPsec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivelsaChgd) for ISA IPsec Groups.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R7 through R8)
	<p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Active ISA Changed Trap for ISA IPsec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivelsaChgd) for ISA IPsec Groups.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tplsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R7 through R8)
	<p>5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R7 through R8)
	<p>Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R7 through R8)
	<p>the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R6 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Active ISA Changed Trap for ISA IPsec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPsec Groups.</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R7 through R8)
	<p>SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R7 through R8)
5620 SAM 6.1 R4 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivelsaChgd) for ISA IPSec Groups.</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlnxPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap chap pref-chap}) for Subscriber Management PPPoE Policies.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R7 through R8)
	<p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R7 through R8)
5620 SAM 6.1 R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Active ISA Changed Trap for ISA IPsec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivesaChgd) for ISA IPsec Groups.</p> <p>(PTS 549206) Multi-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap chap pref-chap}) for Subscriber Management PPPoE Policies.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R7 through R8)
	<p>MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R7 through R8)
	<p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups.</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R7 through R8)
	<p>PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap chap pref-chap}) for Subscriber Management PPPoE Policies.</p> <p>(Feature Enhancement) MAF and CPM Filter MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R7 through R8)
	<p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 26: 7750 SR 6.1 R6

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R6)
5620 SAM 8.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Active ISA Changed Trap for ISA IPsec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivelsaChgd) for ISA IPsec Groups.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R6)
	<p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R6)
	<p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivelsaChgd) for ISA IPSec Groups.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R6)
	<p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R6 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivelsaChgd) for ISA IPSec Groups.</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R6)
	<p>SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R6)
	<p>Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R4 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActivelsaChgd) for ISA IPSec Groups.</p> <p>(PTS 549206) Multi-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap chap pref-chap}) for Subscriber Management PPPoE Policies.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R6)
	<p>5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R6)
5620 SAM 6.1 R3	<p>Network element supported with the following limitations:</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIslaGrpActivelsaChgd) for ISA IPSec Groups.</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurrences. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap chap pref-chap}) for Subscriber Management PPPoE Policies.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R6)
	<p>Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R6)
5620 SAM 6.1 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIslaGrpActivelsaChgd) for ISA IPSec Groups.</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurrences. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap chap pref-chap}) for Subscriber Management PPPoE Policies.</p> <p>(Feature Enhancement) MAF and CPM Filter MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R6)
	<p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 27: 7750 SR 6.1 R5

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R5)
5620 SAM 8.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R5)
5620 SAM 7.0 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R5)
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R5)
	5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R6 through R8	<p>Network element supported with the following limitations:</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘<code>tmnxDSXClockSyncStateChange</code>’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R5)
	<p>longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R4 through R5	<p>Network element supported with the following limitations:</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap chap pref-chap}) for Subscriber Management PPPoE Policies.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R5)
	<p>state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R5)
	startup.
5620 SAM 6.1 R3	<p>Network element supported with the following limitations:</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap chap pref-chap}) for Subscriber Management PPPoE Policies.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R5)
	<p>Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors,</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R5)
	<p>unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (<code>ppp-authentication {pap chap pref-chap}</code>) for Subscriber Management PPPoE Policies.</p> <p>(Feature Enhancement) MAF and CPM Filter MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘<code>tmnxDSXClockSyncStateChange</code>’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R5)
	<p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 28: 7750 SR 6.1 R4

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R4)
5620 SAM 8.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R4)
5620 SAM 7.0 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R4)
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R4)
5620 SAM 6.1 R3 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R4)
	<p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) MAF and CPM Filter MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R4)
	<p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 29: 7750 SR 6.1 R3

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R3)
5620 SAM 8.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R3)
	<p>SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R3)
	<p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 30: 7750 SR 6.1 R1 through R2

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R1 through R2)
5620 SAM 8.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R1 through R2)
	<p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R1 through R2)
	<p>the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

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Table 31: 7750 SR 6.0 R18

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R18)
5620 SAM 8.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R18)
	<p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R1 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 570001) MLD Multicast Group and SSM Translation. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R18)
	<p>support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R18)
	<p>5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R7 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 570001) MLD Multicast Group and SSM Translation. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R18)
	<p>support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

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5620 SAM 7.0 R6	<p>Network element supported with the following limitations:</p> <p>(PTS 592021) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [592021]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 570001) MLD Multicast Group and SSM Translation. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p>

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	<p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R4 through R5	<p>Network element supported with the following limitations:</p> <p>(PTS 592021) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (<code>tmnxOamPingCtlMaxRows</code>, <code>tmnxOamTrCtlMaxRows</code>), a deployment failure will occur. [592021]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R18)
	<p>the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 570001) MLD Multicast Group and SSM Translation. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p>

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	<p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(PTS 592021) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [592021]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]</p> <p>(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address.</p>

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	<p>5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 570001) MLD Multicast Group and SSM Translation. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R18)
	<p>replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(PTS 592021) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [592021]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]</p> <p>(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a ‘Target Type’ of ‘Any LSP’ with a non-0.0.0.0 ‘Destination Path Address’ defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R18)
	<p>does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 570001) MLD Multicast Group and SSM Translation. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the</p>

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5620 SAM 6.1 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(PTS 592021) Obsolete OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [592021]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle,</p>

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	<p>clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 570001) MLD Multicast Group and SSM Translation. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R18)
	<p>and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R18)
	<p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.0 R5 through R8	<p>Network element supported with the following limitations:</p> <p>(PTS 592021) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [592021]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]</p> <p>(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a ‘Target Type’ of ‘Any LSP’ with a non-0.0.0.0 ‘Destination Path Address’ defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have an endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to</p>

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

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	<p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag ‘Out of Resource’. 5620 SAM does not support the operational flag ‘Out of Resource’ for Service Tunnel Bindings.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does</p>

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	<p>not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>
5620 SAM 6.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(PTS 592021) Obsolete OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [592021]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]</p> <p>(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a ‘Target Type’ of ‘Any LSP’ with a non-0.0.0.0 ‘Destination Path Address’ defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have an endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control</p>

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	<p>plane” is enabled.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) DHCP Server Operational State. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R18)
	<p>DHCP Server operational state.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag ‘Out of Resource’. 5620 SAM does not support the operational flag ‘Out of Resource’ for Service Tunnel Bindings.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA</p>

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	<p>Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>
5620 SAM 6.0 R2	<p>Network element supported with the following limitations:</p> <p>(PTS 592021) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [592021]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]</p> <p>(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a ‘Target Type’ of ‘Any LSP’ with a non-0.0.0.0 ‘Destination Path Address’ defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control</p>

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

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R18)
	<p>Subscriber Host.</p> <p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES/VRPN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VRPN redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R18)
	<p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>
5620 SAM 6.0 R1	<p>Network element supported with the following limitations:</p> <p>(PTS 592021) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [592021]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have an endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p>

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

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R18)
	<p>(Feature Enhancement) Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES/VP RN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VP RN redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VP RN ping (values 1-39) and VP RN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VP RN subscriber interfaces.</p>

Table 32: 7750 SR 6.0 R17

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R17)
5620 SAM 8.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R17)
	<p>Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R1 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 570001) MLD Multicast Group and SSM Translation. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R17)
	<p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support.</p>

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

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R17)
	<p>support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R17)
5620 SAM 7.0 R4 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 570001) MLD Multicast Group and SSM Translation. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R17)
	<p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: <code>powerCycle</code>, <code>clearCard</code>, <code>activitySwitch</code>, <code>configChange</code>, <code>runtimeFail</code>, <code>bootFail</code>, <code>unexpected</code>, <code>issuTimeout</code>, <code>reinserted</code>. [584359]</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R17)
	<p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]</p> <p>(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a ‘Target Type’ of ‘Any LSP’ with a non-0.0.0.0 ‘Destination Path Address’ defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 570001) MLD Multicast Group and SSM Translation. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p>

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	<p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R17)
	<p>not support the selection state for system timing references. [584361]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 570001) MLD Multicast Group and SSM Translation. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R17)
	<p>SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R1	Network element supported with the following limitations:

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R17)
through R3	<p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 570001) MLD Multicast Group and SSM Translation. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R17)
	<p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R17)
	<p>5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.0 R5 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]</p> <p>(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a ‘Target Type’ of ‘Any LSP’ with a non-0.0.0.0 ‘Destination Path Address’ defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p>

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

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R17)
	<p>Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag ‘Out of Resource’. 5620 SAM does not support the operational flag ‘Out of Resource’ for Service Tunnel Bindings.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R17)
	<p>Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>
5620 SAM 6.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]</p> <p>(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a ‘Target Type’ of ‘Any LSP’ with a non-0.0.0.0 ‘Destination Path Address’ defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R17)
	<p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) RRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of RRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) DHCP Server Operational State. 5620 SAM does not support DHCP Server operational state.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R17)
	<p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms.</p>

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

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

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R17)
	<p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES/VPNR Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VPNR redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>
5620 SAM 6.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359]</p>

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

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R17)
	<p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA).</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R17)
	<p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES/VP RN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VP RN redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VP RN ping (values 1-39) and VP RN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VP RN subscriber interfaces.</p>

Table 33: 7750 SR 6.0 R16

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R16)
5620 SAM 8.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R16)
	<p>Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R1 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 570001) MLD Multicast Group and SSM Translation. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R16)
	<p>does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R16)
	5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R6 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 570001) MLD Multicast Group and SSM Translation. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R16)
	<p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R4 through R5	<p>Network element supported with the following limitations:</p> <p>(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a ‘Target Type’ of ‘Any LSP’ with a non-0.0.0.0 ‘Destination Path Address’ defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 570001) MLD Multicast Group and SSM Translation. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R16)
	<p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R16)
	<p>Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a ‘Target Type’ of ‘Any LSP’ with a non-0.0.0.0 ‘Destination Path Address’ defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 570001) MLD Multicast Group and SSM Translation. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R16)
	<p>limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R16)
	indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a ‘Target Type’ of ‘Any LSP’ with a non-0.0.0.0 ‘Destination Path Address’ defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 570001) MLD Multicast Group and SSM Translation. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R16)
	<p>state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R16)
	startup.
5620 SAM 6.1 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 570001) MLD Multicast Group and SSM Translation. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R16)
	<p>Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R16)
	<p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.0 R5 through R8	<p>Network element supported with the following limitations:</p> <p>(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a ‘Target Type’ of ‘Any LSP’ with a non-0.0.0.0 ‘Destination Path Address’ defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round</p>

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

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R16)
	<p>IOM Card.</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R16)
	82 VSOs on VPRN subscriber interfaces.
5620 SAM 6.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a ‘Target Type’ of ‘Any LSP’ with a non-0.0.0.0 ‘Destination Path Address’ defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurances and</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R16)
	<p>last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) DHCP Server Operational State. 5620 SAM does not support DHCP Server operational state.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R16)
	<p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>
5620 SAM 6.0 R2	<p>Network element supported with the following limitations:</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R16)
	<p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurances and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R16)
	<p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA).</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES/VP RN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VP RN redundant interfaces.</p>

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

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R16)
	<p>limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA).</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R16)
	<p>does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag ‘Out of Resource’. 5620 SAM does not support the operational flag ‘Out of Resource’ for Service Tunnel Bindings.</p> <p>(Feature Enhancement) Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES/VP RN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VP RN redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VP RN ping (values 1-39) and VP RN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R16)
	<p>startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>

Table 34: 7750 SR 6.0 R15

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R15)
5620 SAM 8.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R15)
	<p>longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R1 through R4	<p>Network element supported with the following limitations:</p> <p>(PTS 570001) MLD Multicast Group and SSM Translation. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R15)
	<p>support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(PTS 570001) MLD Multicast Group and SSM Translation. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R15)
	<p>MLD routing instance and MLD interfaces.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R15)
	<p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(PTS 570001) MLD Multicast Group and SSM Translation. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R15)
	<p>robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R15)
5620 SAM 6.1 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(PTS 570001) MLD Multicast Group and SSM Translation. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R15)
	<p>replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(PTS 570001) MLD Multicast Group and SSM Translation. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R15)
	<p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R15)
	<p>Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R15)
through R8	<p>tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R15)
	<p>5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag ‘Out of Resource’. 5620 SAM does not support the operational flag ‘Out of Resource’ for Service Tunnel Bindings.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R15)
	<p>not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>
5620 SAM 6.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R15)
	<p>support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) DHCP Server Operational State. 5620 SAM does not support DHCP Server operational state.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R15)
	<p>support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R15)
	<p>startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>
5620 SAM 6.0 R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R15)
	<p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA).</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R15)
	<p>not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES/VP RN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VP RN redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VP RN subscriber interfaces.</p>
5620 SAM 6.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VP RN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is</p>

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

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R15)
	<p>does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag ‘Out of Resource’. 5620 SAM does not support the operational flag ‘Out of Resource’ for Service Tunnel Bindings.</p> <p>(Feature Enhancement) Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES/VP RN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VP RN redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VP RN ping (values 1-39) and VP RN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R15)
	<p>startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>

Table 35: 7750 SR 6.0 R14

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R14)
5620 SAM 8.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R14)
	<p>longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or</p>

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	<p>policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

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5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no</p>

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	<p>longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup..</p>
5620 SAM 6.1 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or</p>

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	<p>policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA</p>

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	<p>Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurances and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not</p>

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	<p>support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does</p>

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	<p>not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.0 R5 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R14)
	<p>PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p>

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	<p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>
5620 SAM 6.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R14)
	<p>plane” is enabled.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) DHCP Server Operational State. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R14)
	<p>DHCP Server operational state.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag ‘Out of Resource’. 5620 SAM does not support the operational flag ‘Out of Resource’ for Service Tunnel Bindings.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R14)
	<p>Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>
5620 SAM 6.0 R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R14)
	<p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA).</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R14)
	<p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES/VP RN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VP RN redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VP RN subscriber interfaces.</p>
5620 SAM 6.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VP RN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R14)
	<p>support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA).</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R14)
	<p>does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag ‘Out of Resource’. 5620 SAM does not support the operational flag ‘Out of Resource’ for Service Tunnel Bindings.</p> <p>(Feature Enhancement) Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES/VP RN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VP RN redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VP RN ping (values 1-39) and VP RN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R14)
	<p>startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>

Table 36: 7750 SR 6.0 R13

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R13)
5620 SAM 8.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R13)
	<p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R13)
	<p>replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R13)
	<p>robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R13)
5620 SAM 6.1 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R13)
	<p>not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R13)
	<p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R13)
	<p>longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.0 R5 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R13)
	<p>interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurances and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R13)
	<p>longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R13)
5620 SAM 6.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R13)
	<p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) DHCP Server Operational State. 5620 SAM does not support DHCP Server operational state.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag ‘Out of Resource’. 5620 SAM does not support the operational flag ‘Out of Resource’ for Service Tunnel Bindings.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R13)
	<p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>
5620 SAM 6.0 R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R13)
	<p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA).</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R13)
	<p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES/VP RN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VP RN redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VP RN subscriber interfaces.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R13)
5620 SAM 6.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R13)
	<p>(AA-ISA).</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES/VP RN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VP RN redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R13)
	<p>redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>

Table 37: 7750 SR 6.0 R12

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R12)
5620 SAM 8.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R12)
	<p>5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R12)
	<p>Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R12)
	<p>PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R12)
5620 SAM 6.1 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R12)
	<p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R12)
	<p>interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R12)
	<p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.0 R5 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R12)
	<p>errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R12)
	<p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>
5620 SAM 6.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R12)
	<p>limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) DHCP Server Operational State. 5620 SAM does not support DHCP Server operational state.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R12)
	<p>Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag ‘Out of Resource’. 5620 SAM does not support the operational flag ‘Out of Resource’ for Service Tunnel Bindings.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R12)
	<p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>
5620 SAM 6.0 R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R12)
	<p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA).</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES/VP RN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VP RN redundant interfaces.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R12)
	<p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>
5620 SAM 6.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R12)
	<p>errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA).</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R12)
	<p>protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES/VP RN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VP RN redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VP RN ping (values 1-39) and VP RN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VP RN subscriber interfaces.</p>

Table 38: 7750 SR 6.0 R11

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R11)
5620 SAM 8.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R11)
	<p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R11)
	<p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R11)
	<p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R11)
	<p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R11)
	<p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R11)
	<p>Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.0 R5 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R11)
	<p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R11)
	<p>not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>
5620 SAM 6.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R11)
	<p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) DHCP Server Operational State. 5620 SAM does not support DHCP Server operational state.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R11)
	<p>not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag ‘Out of Resource’. 5620 SAM does not support the operational flag ‘Out of Resource’ for Service Tunnel Bindings.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R11)
5620 SAM 6.0 R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA).</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R11)
	<p>Subscriber Host.</p> <p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES/VRPN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VRPN redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R11)
	<p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>
5620 SAM 6.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA).</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R11)
	<p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES/VRPN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VRPN redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R11)
	<p>the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>

Table 39: 7750 SR 6.0 R10

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R10)
5620 SAM 8.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R10)
5620 SAM 7.0 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R10)
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R10)
5620 SAM 6.1 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R10)
	<p>not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R10)
	<p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.0 R5 through R8	<p>Network element supported with the following limitations:</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R10)
	<p>errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R10)
	<p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>
5620 SAM 6.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurrences. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R10)
	<p>errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) DHCP Server Operational State. 5620 SAM does not support DHCP Server operational state.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R10)
	<p>5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>
5620 SAM 6.0 R2	<p>Network element supported with the following limitations:</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R10)
	<p>Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA).</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R10)
	<p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES/VRPN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VRPN redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VRPN subscriber interfaces.</p>
5620 SAM 6.0 R1	<p>Network element supported with the following limitations:</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VRPN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VRPN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R10)
	<p>PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA).</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R10)
	<p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES/VP RN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VP RN redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VP RN ping (values 1-39) and VP RN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VP RN subscriber interfaces.</p>

Table 40: 7750 SR 6.0 R9

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R9)
5620 SAM 8.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R9)
5620 SAM 7.0 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R9)
	<p>Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R9)
	<p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.0 R5 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R9)
	<p>not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag ‘Out of Resource’. 5620 SAM does not support the operational flag ‘Out of Resource’ for Service Tunnel Bindings.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R9)
	<p>Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>
5620 SAM 6.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) DHCP Server Operational State. 5620 SAM does not support DHCP Server operational state.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R9)
	<p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R9)
	<p>5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>
5620 SAM 6.0 R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA).</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R9)
	<p>not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES/VP RN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VP RN redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VP RN subscriber interfaces.</p>
5620 SAM 6.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R9)
	<p>(AA-ISA).</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES/VRN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VRN redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R9)
	<p>redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>

Table 41: 7750 SR 6.0 R7 through R8

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R7 through R8)
5620 SAM 8.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(PTS 568296) MIB Entry Policy for CEM SAP Statistics: 5620 SAM does not support MIB Entry Policy for CEM Statistics.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R7 through R8)
5620 SAM 7.0 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(PTS 568296) MIB Entry Policy for CEM SAP Statistics: 5620 SAM does not support MIB Entry Policy for CEM Statistics.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R7 through R8)
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R7 through R8)
	<p>Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.0 R5 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R7 through R8)
	<p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag ‘Out of Resource’. 5620 SAM does not support the operational flag ‘Out of Resource’ for Service Tunnel Bindings.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R7 through R8)
	<p>not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>
5620 SAM 6.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) DHCP Server Operational State. 5620 SAM does not support DHCP Server operational state.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R7 through R8)
	<p>Subscriber Host.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R7 through R8)
5620 SAM 6.0 R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA).</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES/VP RN Redundant Interfaces. 5620</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R7 through R8)
	<p>SAM does not support IP-MTU for IES/VP RN redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>
5620 SAM 6.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA).</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag ‘Out of Resource’. 5620 SAM does not support the operational flag ‘Out of Resource’ for Service Tunnel Bindings.</p> <p>(Feature Enhancement) Dynamic Port Buffer Allocation (Named Pools). 5620 SAM</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R7 through R8)
	<p>does not support Dynamic Port Buffer Allocation (Named Pools).</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES/VP RN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VP RN redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VP RN ping (values 1-39) and VP RN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VP RN subscriber interfaces.</p>

Table 42: 7750 SR 6.0 R6

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R6)
5620 SAM 8.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(PTS 568296) MIB Entry Policy for CEM SAP Statistics: 5620 SAM does not support MIB Entry Policy for CEM Statistics.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R6)
5620 SAM 7.0 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(PTS 568296) MIB Entry Policy for CEM SAP Statistics: 5620 SAM does not support MIB Entry Policy for CEM Statistics.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R6)
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R6)
	<p>not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.0 R5 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R6)
	<p>support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R6)
	<p>startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>
5620 SAM 6.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) DHCP Server Operational State. 5620 SAM does not support DHCP Server operational state.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag ‘Out of Resource’. 5620 SAM does not support the operational flag ‘Out of Resource’ for Service Tunnel Bindings.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R6)
	<p>not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>
5620 SAM 6.0 R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA).</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R6)
	<p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag ‘Out of Resource’. 5620 SAM does not support the operational flag ‘Out of Resource’ for Service Tunnel Bindings.</p> <p>(Feature Enhancement) Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES/VRPN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VRPN redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R6)
	<p>VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>
5620 SAM 6.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA).</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES/VPRN Redundant Interfaces. 5620</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R6)
	<p>SAM does not support IP-MTU for IES/VPRN redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>

Table 43: 7750 SR 6.0 R5

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R5)
5620 SAM 8.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(PTS 568296) MIB Entry Policy for CEM SAP Statistics: 5620 SAM does not support MIB Entry Policy for CEM Statistics.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R5)
5620 SAM 7.0 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(PTS 568296) MIB Entry Policy for CEM SAP Statistics: 5620 SAM does not support MIB Entry Policy for CEM Statistics.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R5)
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R5)
	<p>not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.0 R5 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R5)
	<p>support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R5)
	<p>startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>
5620 SAM 6.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) DHCP Server Operational State. 5620 SAM does not support DHCP Server operational state.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag ‘Out of Resource’. 5620 SAM does not support the operational flag ‘Out of Resource’ for Service Tunnel Bindings.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R5)
	<p>not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>
5620 SAM 6.0 R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA).</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R5)
	<p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES/VRN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VRN redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R5)
	VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.
5620 SAM 6.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA).</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES/VPRN Redundant Interfaces. 5620</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R5)
	<p>SAM does not support IP-MTU for IES/VP RN redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>

Table 44: 7750 SR 6.0 R4

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R4)
5620 SAM 8.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(PTS 568296) MIB Entry Policy for CEM SAP Statistics: 5620 SAM does not support MIB Entry Policy for CEM Statistics.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(PTS 568296) MIB Entry Policy for CEM SAP Statistics: 5620 SAM does not support MIB Entry Policy for CEM Statistics.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R4)
	<p>Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R4)
	<p>5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.0 R3 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag ‘Out of Resource’. 5620 SAM does not support the operational flag ‘Out of Resource’ for Service Tunnel Bindings.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R4)
	<p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>
5620 SAM 6.0 R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA).</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag ‘Out of Resource’. 5620 SAM does not support the operational flag ‘Out of Resource’ for Service Tunnel Bindings.</p> <p>(Feature Enhancement) Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R4)
	<p>does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES/VRN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VRN redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VRN subscriber interfaces.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R4)
5620 SAM 6.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA).</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host.</p> <p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES/VP RN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VP RN redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R4)
	<p>Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>

Table 45: 7750 SR 6.0 R3

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R3)
5620 SAM 8.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(PTS 568296) MIB Entry Policy for CEM SAP Statistics: 5620 SAM does not support MIB Entry Policy for CEM Statistics.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(PTS 568296) MIB Entry Policy for CEM SAP Statistics: 5620 SAM does not support MIB Entry Policy for CEM Statistics.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R3)
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R3)
5620 SAM 6.0 R3 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>
5620 SAM 6.0 R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R3)
	<p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES/VP RN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VP RN redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VP RN subscriber interfaces.</p>
5620 SAM 6.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R3)
	<p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES/VP RN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VP RN redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VP RN ping (values 1-39) and VP RN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VP RN subscriber interfaces.</p>

Table 46: 7750 SR 6.0 R2

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R2)
5620 SAM 8.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(PTS 568296) MIB Entry Policy for CEM SAP Statistics: 5620 SAM does not support MIB Entry Policy for CEM Statistics.</p> <p>(PTS 535281) 5620 SAM NE-Schedulable/NE-Persistent STM Test Removal. Upon a full re-synchronization, 7750/7450/7710 6.0 R2 routers may not provide MIB entries on a NE Schedulable or NE Persistent STM test, which may result in 5620 SAM removing tests. Recommendation: Perform manual tests by using regular OAM tests invoked from 5620 SAM. 6.0 R3, and later versions of the router resolve the problem as per the Resolved Issues section of the 7750 SR /7450 ESS /7710 SR 6.0.R3 Software Release Notes.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(PTS 568296) MIB Entry Policy for CEM SAP Statistics: 5620 SAM does not support MIB Entry Policy for CEM Statistics.</p> <p>(PTS 535281) 5620 SAM NE-Schedulable/NE-Persistent STM Test Removal. Upon a full re-synchronization, 7750/7450/7710 6.0 R2 routers may not provide MIB entries on a NE Schedulable or NE Persistent STM test, which may result in 5620 SAM removing tests. Recommendation: Perform manual tests by using regular OAM tests invoked from 5620 SAM. 6.0 R3, and later versions of the router resolve the problem as per the Resolved Issues section of the 7750 SR /7450 ESS /7710 SR 6.0.R3 Software Release Notes.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(PTS 535281) 5620 SAM NE-Schedulable/NE-Persistent STM Test Removal. Upon a full re-synchronization, 7750/7450/7710 6.0 R2 routers may not provide MIB entries on a NE Schedulable or NE Persistent STM test, which may result in 5620 SAM removing tests. Recommendation: Perform manual tests by using regular OAM tests invoked from 5620 SAM. 6.0 R3, and later versions of the router resolve the problem as per the Resolved Issues section of the 7750 SR /7450 ESS /7710 SR 6.0.R3 Software Release Notes.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R2)
	<p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(PTS 535281) 5620 SAM NE-Schedulable/NE-Persistent STM Test Removal. Upon a full re-synchronization, 7750/7450/7710 6.0 R2 routers may not provide MIB entries on a NE Schedulable or NE Persistent STM test, which may result in 5620 SAM removing tests. Recommendation: Perform manual tests by using regular OAM tests invoked from 5620 SAM. 6.0 R3, and later versions of the router resolve the problem as per the Resolved Issues section of the 7750 SR /7450 ESS /7710 SR 6.0.R3 Software Release Notes.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.0 R2 through R8	<p>Network element supported with the following limitations:</p> <p>(PTS 535281) 5620 SAM NE-Schedulable/NE-Persistent STM Test Removal. Upon a full re-synchronization, 7750/7450/7710 6.0 R2 routers may not provide MIB entries on a NE Schedulable or NE Persistent STM test, which may result in 5620 SAM removing tests. Recommendation: Perform manual tests by using regular OAM tests invoked from 5620 SAM. 6.0 R3, and later versions of the router resolve the problem as per the Resolved Issues section of the 7750 SR /7450 ESS /7710 SR 6.0.R3 Software Release Notes.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R2)
5620 SAM 6.0 R1	<p>Network element supported with the following limitations:</p> <p>(PTS 535281) 5620 SAM NE-Schedulable/NE-Persistent STM Test Removal. Upon a full re-synchronization, 7750/7450/7710 6.0 R2 routers may not provide MIB entries on a NE Schedulable or NE Persistent STM test, which may result in 5620 SAM removing tests. Recommendation: Perform manual tests by using regular OAM tests invoked from 5620 SAM. 6.0 R3, and later versions of the router resolve the problem as per the Resolved Issues section of the 7750 SR /7450 ESS /7710 SR 6.0.R3 Software Release Notes.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>

Table 47: 7750 SR 6.0 R1

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R1)
5620 SAM 8.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(PTS 568296) MIB Entry Policy for CEM SAP Statistics: 5620 SAM does not support MIB Entry Policy for CEM Statistics.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(PTS 568296) MIB Entry Policy for CEM SAP Statistics: 5620 SAM does not support MIB Entry Policy for CEM Statistics.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R1)
5620 SAM 6.0 R2 through R8	<p>Network element supported with the following limitations:</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>
5620 SAM 6.0 R1	<p>Network element supported with the following limitations:</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>

Alcatel-Lucent 7750 Service Router Release 5.0

Table 48: 7750 SR 5.0 R23 through R25

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R23 through R25)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R23 through R25)
	<p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 6.1 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R23 through R25)
	<p>VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 6.1 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R23 through R25)
	<p>configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 6.0 R7 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R23 through R25)
	<p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R23 through R25)
	<p>under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 6.0 R1 through R6	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R23 through R25)
	<p>not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R23 through R25)
5620 SAM 5.0 R6 through R11	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(Feature Enhancement) SRRP Instance Master and Backup Traps. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state.</p> <p>(Feature Enhancement) CPM Filter IPv6 Entry Flow Label. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R23 through R25)
	<p>the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnxMplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel ‘Labels Exhausted’ State Cause. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R23 through R25)
5620 SAM 5.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(Feature Enhancement) SRRP Instance Master and Backup Traps. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state.</p> <p>(Feature Enhancement) CPM Filter IPv6 Entry Flow Label. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R23 through R25)
	<p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnmplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel 'Labels Exhausted' State Cause. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy User Name Format. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R23 through R25)
5620 SAM 5.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(Feature Enhancement) SRRP Instance Master and Backup Traps. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state.</p> <p>(Feature Enhancement) CPM Filter IPv6 Entry Flow Label. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R23 through R25)
	<p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnmplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel 'Labels Exhausted' State Cause. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy User Name Format. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) Subscriber Routed Redundancy Protocol. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R23 through R25)
	<p>not support Subscriber Routed Redundancy Protocol (SRRP).</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES/VPRN. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router and VPRN interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p>
5620 SAM 5.0 R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R23 through R25)
	<p>support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurrences. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(Feature Enhancement) SRRP Instance Master and Backup Traps. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state.</p> <p>(Feature Enhancement) CPM Filter IPv6 Entry Flow Label. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnxMplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel ‘Labels Exhausted’ State Cause. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels.</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R23 through R25)
	<p>(Feature Enhancement) Subscriber Authentication Policy User Name Format. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) Subscriber Routed Redundancy Protocol. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP).</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R23 through R25)
	<p>(Feature Enhancement) Port-based Egress Scheduling Policies. 5620 SAM does not support Port-based Egress Scheduling Policies.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES/VP RN. 5620 SAM does not support Unnumbered IP Interfaces for IES and VP RN services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) Multicast CAC Extended Support for LAGs. 5620 SAM does not support Multicast CAC extended support for LAGs.</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router and VP RN interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VP RN interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p> <p>(Feature Enhancement) MSDP Statistics Enhancements. 5620 SAM does not support collection of MSDP source address rejection statistics or peer received unknown and reserved message statistics.</p>
5620 SAM 5.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R23 through R25)
	<p>robin, direct) for RADIUS server access.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(Feature Enhancement) SRRP Instance Master and Backup Traps. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state.</p> <p>(Feature Enhancement) CPM Filter IPv6 Entry Flow Label. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnxMplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel ‘Labels Exhausted’ State Cause. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels.</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R23 through R25)
	<p>(Feature Enhancement) Subscriber Authentication Policy User Name Format. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) Subscriber Routed Redundancy Protocol. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP).</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) Port-based Egress Scheduling Policies. 5620 SAM does not support Port-based Egress Scheduling Policies.</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R23 through R25)
	<p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES/VRN. 5620 SAM does not support Unnumbered IP Interfaces for IES and VRN services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) Multicast CAC Extended Support for LAGs. 5620 SAM does not support Multicast CAC extended support for LAGs.</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router and VRN interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VRN interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p> <p>(Feature Enhancement) MSDP Statistics Enhancements. 5620 SAM does not support collection of MSDP source address rejection statistics or peer received unknown and reserved message statistics.</p>

Table 49: 7750 SR 5.0 R22

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R22)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R22)
	<p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 6.1 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R22)
	<p>indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 6.1 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R22)
	<p>VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 6.0 R7 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R22)
	<p>not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 6.0 R1 through R6	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R22)
	<p>interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R22)
	<p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 5.0 R6 through R11	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurrences. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(Feature Enhancement) SRRP Instance Master and Backup Traps. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R22)
	<p>resync may be required to update the SRRP Instance state.</p> <p>(Feature Enhancement) CPM Filter IPv6 Entry Flow Label. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnmplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel ‘Labels Exhausted’ State Cause. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R22)
	<p>VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 5.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(Feature Enhancement) SRRP Instance Master and Backup Traps. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state.</p> <p>(Feature Enhancement) CPM Filter IPv6 Entry Flow Label. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39),</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R22)
	<p>VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnmplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel 'Labels Exhausted' State Cause. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy User Name Format. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 5.0 R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R22)
through R4	<p>support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurrences. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(Feature Enhancement) SRRP Instance Master and Backup Traps. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state.</p> <p>(Feature Enhancement) CPM Filter IPv6 Entry Flow Label. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnxMplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel ‘Labels Exhausted’ State Cause. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels.</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R22)
	<p>(Feature Enhancement) Subscriber Authentication Policy User Name Format. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) Subscriber Routed Redundancy Protocol. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP).</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R22)
	<p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES/VRPN. 5620 SAM does not support Unnumbered IP Interfaces for IES and VRPN services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router and VRPN interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VRPN interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p>
5620 SAM 5.0 R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VRPN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VRPN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R22)
	<p>threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(Feature Enhancement) SRRP Instance Master and Backup Traps. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state.</p> <p>(Feature Enhancement) CPM Filter IPv6 Entry Flow Label. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnxMplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel ‘Labels Exhausted’ State Cause. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy User Name Format. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R22)
	<p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) Subscriber Routed Redundancy Protocol. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP).</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) Port-based Egress Scheduling Policies. 5620 SAM does not support Port-based Egress Scheduling Policies.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES/VPRN. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) Multicast CAC Extended Support for LAGs. 5620 SAM does not support Multicast CAC extended support for LAGs.</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R22)
	<p>support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router and VPRN interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p> <p>(Feature Enhancement) MSDP Statistics Enhancements. 5620 SAM does not support collection of MSDP source address rejection statistics or peer received unknown and reserved message statistics.</p>
5620 SAM 5.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R22)
	<p>preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(Feature Enhancement) SRRP Instance Master and Backup Traps. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state.</p> <p>(Feature Enhancement) CPM Filter IPv6 Entry Flow Label. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnxMplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel ‘Labels Exhausted’ State Cause. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy User Name Format. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R22)
	<p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) Subscriber Routed Redundancy Protocol. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP).</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) Port-based Egress Scheduling Policies. 5620 SAM does not support Port-based Egress Scheduling Policies.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES/VPRN. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) Multicast CAC Extended Support for LAGs. 5620 SAM does not support Multicast CAC extended support for LAGs.</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router and VPRN interfaces.</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R22)
	<p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p> <p>(Feature Enhancement) MSDP Statistics Enhancements. 5620 SAM does not support collection of MSDP source address rejection statistics or peer received unknown and reserved message statistics.</p>

Table 50: 7750 SR 5.0 R21

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R21)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R21)
	<p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 6.1 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R21)
	<p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 6.1 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R21)
	<p>under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 6.0 R7 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R21)
	<p>(Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 6.0 R1 through R6	<p>Network element supported with the following limitations:</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R21)
	<p>not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R21)
	(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R6 through R11	<p>Network element supported with the following limitations:</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(Feature Enhancement) SRRP Instance Master and Backup Traps. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state.</p> <p>(Feature Enhancement) CPM Filter IPv6 Entry Flow Label. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnxMplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure.</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R21)
	<p>(Feature Enhancement) Service Tunnel ‘Labels Exhausted’ State Cause. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 5.0 R5	<p>Network element supported with the following limitations:</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R21)
	<p>errors for cards and daughtercards.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(Feature Enhancement) SRRP Instance Master and Backup Traps. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state.</p> <p>(Feature Enhancement) CPM Filter IPv6 Entry Flow Label. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnxMplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel ‘Labels Exhausted’ State Cause. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy User Name Format. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R21)
	<p>does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 5.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R21)
	<p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(Feature Enhancement) SRRP Instance Master and Backup Traps. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state.</p> <p>(Feature Enhancement) CPM Filter IPv6 Entry Flow Label. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnxMplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel ‘Labels Exhausted’ State Cause. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy User Name Format. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R21)
	<p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) Subscriber Routed Redundancy Protocol. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP).</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES/VPRN. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router and VPRN interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R21)
	<p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p>
5620 SAM 5.0 R2	<p>Network element supported with the following limitations:</p> <p>(PTS 547867) VRMP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRMP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurrences. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(Feature Enhancement) SRRP Instance Master and Backup Traps. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state.</p> <p>(Feature Enhancement) CPM Filter IPv6 Entry Flow Label. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R21)
	<p>not support the TmNxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel 'Labels Exhausted' State Cause. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy User Name Format. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) Subscriber Routed Redundancy Protocol. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP).</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R21)
	<p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) Port-based Egress Scheduling Policies. 5620 SAM does not support Port-based Egress Scheduling Policies.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES/VP RN. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) Multicast CAC Extended Support for LAGs. 5620 SAM does not support Multicast CAC extended support for LAGs.</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router and VPRN interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p> <p>(Feature Enhancement) MSDP Statistics Enhancements. 5620 SAM does not support collection of MSDP source address rejection statistics or peer received unknown and reserved message statistics.</p>
5620 SAM 5.0 R1	<p>Network element supported with the following limitations:</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R21)
	<p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(Feature Enhancement) SRRP Instance Master and Backup Traps. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state.</p> <p>(Feature Enhancement) CPM Filter IPv6 Entry Flow Label. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnxMplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel ‘Labels Exhausted’ State Cause. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy User Name Format. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R21)
	<p>Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) Subscriber Routed Redundancy Protocol. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP).</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) Port-based Egress Scheduling Policies. 5620 SAM does not support Port-based Egress Scheduling Policies.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES/VPRN. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services.</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R21)
	<p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) Multicast CAC Extended Support for LAGs. 5620 SAM does not support Multicast CAC extended support for LAGs.</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router and VPRN interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p> <p>(Feature Enhancement) MSDP Statistics Enhancements. 5620 SAM does not support collection of MSDP source address rejection statistics or peer received unknown and reserved message statistics.</p>

Table 51: 7750 SR 5.0 R16 through R20

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R16 through R20)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R16 through R20)
	<p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R16 through R20)
	<p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 6.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R16 through R20)
	<p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 5.0 R6 through R11	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(Feature Enhancement) SRRP Instance Master and Backup Traps. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state.</p> <p>(Feature Enhancement) CPM Filter IPv6 Entry Flow Label. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnxMplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure.</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R16 through R20)
	<p>(Feature Enhancement) Service Tunnel ‘Labels Exhausted’ State Cause. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 5.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R16 through R20)
	<p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(Feature Enhancement) SRRP Instance Master and Backup Traps. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state.</p> <p>(Feature Enhancement) CPM Filter IPv6 Entry Flow Label. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnxMplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel ‘Labels Exhausted’ State Cause. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy User Name Format. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R16 through R20)
	<p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 5.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(Feature Enhancement) SRRP Instance Master and Backup Traps. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state.</p> <p>(Feature Enhancement) CPM Filter IPv6 Entry Flow Label. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnxMplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure.</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R16 through R20)
	<p>(Feature Enhancement) Service Tunnel ‘Labels Exhausted’ State Cause. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy User Name Format. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) Subscriber Routed Redundancy Protocol. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP).</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R16 through R20)
	<p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES/VP RN. 5620 SAM does not support Unnumbered IP Interfaces for IES and VP RN services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router and VP RN interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VP RN interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p>
5620 SAM 5.0 R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VP RN Service Redundant Interfaces.</p> <p>(Feature Enhancement) SRRP Instance Master and Backup Traps. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R16 through R20)
	<p>not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state.</p> <p>(Feature Enhancement) CPM Filter IPv6 Entry Flow Label. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnxMplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel ‘Labels Exhausted’ State Cause. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy User Name Format. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R16 through R20)
	<p>not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) Subscriber Routed Redundancy Protocol. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP).</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) Port-based Egress Scheduling Policies. 5620 SAM does not support Port-based Egress Scheduling Policies.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES/VPRN. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) Multicast CAC Extended Support for LAGs. 5620 SAM does not support Multicast CAC extended support for LAGs.</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router and VPRN interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R16 through R20)
	<p>configuration for ethernet ports.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p> <p>(Feature Enhancement) MSDP Statistics Enhancements. 5620 SAM does not support collection of MSDP source address rejection statistics or peer received unknown and reserved message statistics.</p>
5620 SAM 5.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(Feature Enhancement) SRRP Instance Master and Backup Traps. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state.</p> <p>(Feature Enhancement) CPM Filter IPv6 Entry Flow Label. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnxMplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel ‘Labels Exhausted’ State Cause. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy User Name Format. 5620</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R16 through R20)
	<p>SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) Subscriber Routed Redundancy Protocol. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP).</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) Port-based Egress Scheduling Policies. 5620 SAM does not support Port-based Egress Scheduling Policies.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R16 through R20)
	<p>configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES/VRN. 5620 SAM does not support Unnumbered IP Interfaces for IES and VRN services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) Multicast CAC Extended Support for LAGs. 5620 SAM does not support Multicast CAC extended support for LAGs.</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router and VRN interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VRN interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p> <p>(Feature Enhancement) MSDP Statistics Enhancements. 5620 SAM does not support collection of MSDP source address rejection statistics or peer received unknown and reserved message statistics.</p>

Table 52: 7750 SR 5.0 R15

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R15)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R15)
	<p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R15)
	<p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 6.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R15)
	<p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 5.0 R6 through R11	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(Feature Enhancement) SRRP Instance Master and Backup Traps. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state.</p> <p>(Feature Enhancement) CPM Filter IPv6 Entry Flow Label. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnxMplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel ‘Labels Exhausted’ State Cause. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R15)
	<p>Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 5.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(Feature Enhancement) SRRP Instance Master and Backup Traps. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state.</p> <p>(Feature Enhancement) CPM Filter IPv6 Entry Flow Label. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnxMplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure.</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R15)
	<p>(Feature Enhancement) Service Tunnel ‘Labels Exhausted’ State Cause. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy User Name Format. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 5.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R15)
	<p>(Feature Enhancement) SRRP Instance Master and Backup Traps. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state.</p> <p>(Feature Enhancement) CPM Filter IPv6 Entry Flow Label. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnxMplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel ‘Labels Exhausted’ State Cause. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy User Name Format. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R15)
	<p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) Subscriber Routed Redundancy Protocol. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP).</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES/VPRN. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router and VPRN interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R15)
	(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.
5620 SAM 5.0 R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(Feature Enhancement) SRRP Instance Master and Backup Traps. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state.</p> <p>(Feature Enhancement) CPM Filter IPv6 Entry Flow Label. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnxMplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel ‘Labels Exhausted’ State Cause. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy User Name Format. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R15)
	<p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) Subscriber Routed Redundancy Protocol. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP).</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) Port-based Egress Scheduling Policies. 5620 SAM does not support Port-based Egress Scheduling Policies.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES/VPRN. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) Multicast CAC Extended Support for LAGs. 5620 SAM does not support Multicast CAC extended support for LAGs.</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R15)
	<p>support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router and VPRN interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p> <p>(Feature Enhancement) MSDP Statistics Enhancements. 5620 SAM does not support collection of MSDP source address rejection statistics or peer received unknown and reserved message statistics.</p>
5620 SAM 5.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(Feature Enhancement) SRRP Instance Master and Backup Traps. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state.</p> <p>(Feature Enhancement) CPM Filter IPv6 Entry Flow Label. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnxMplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R15)
	<p>and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel ‘Labels Exhausted’ State Cause. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy User Name Format. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) Subscriber Routed Redundancy Protocol. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP).</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R15)
	<p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) Port-based Egress Scheduling Policies. 5620 SAM does not support Port-based Egress Scheduling Policies.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES/VRN. 5620 SAM does not support Unnumbered IP Interfaces for IES and VRN services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) Multicast CAC Extended Support for LAGs. 5620 SAM does not support Multicast CAC extended support for LAGs.</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router and VRN interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VRN interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p> <p>(Feature Enhancement) MSDP Statistics Enhancements. 5620 SAM does not support collection of MSDP source address rejection statistics or peer received unknown and reserved message statistics.</p>

Table 53: 7750 SR 5.0 R14

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R14)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R14)
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R14)
5620 SAM 6.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R14)
	<p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 5.0 R6 through R11	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(Feature Enhancement) SRRP Instance Master and Backup Traps. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state.</p> <p>(Feature Enhancement) CPM Filter IPv6 Entry Flow Label. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnxMplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel ‘Labels Exhausted’ State Cause. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R14)
	<p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 5.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(Feature Enhancement) SRRP Instance Master and Backup Traps. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state.</p> <p>(Feature Enhancement) CPM Filter IPv6 Entry Flow Label. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnxMplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel ‘Labels Exhausted’ State Cause. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy User Name Format. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R14)
	<p>Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 5.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(Feature Enhancement) SRRP Instance Master and Backup Traps. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state.</p> <p>(Feature Enhancement) CPM Filter IPv6 Entry Flow Label. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R14)
	<p>the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmNxMplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel ‘Labels Exhausted’ State Cause. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy User Name Format. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R14)
	<p>(Feature Enhancement) Subscriber Routed Redundancy Protocol. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP).</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES/VPRN. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router and VPRN interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p>
5620 SAM 5.0 R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(Feature Enhancement) SRRP Instance Master and Backup Traps. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state.</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R14)
	<p>(Feature Enhancement) CPM Filter IPv6 Entry Flow Label. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnmplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel ‘Labels Exhausted’ State Cause. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy User Name Format. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R14)
	<p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) Subscriber Routed Redundancy Protocol. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP).</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) Port-based Egress Scheduling Policies. 5620 SAM does not support Port-based Egress Scheduling Policies.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES/VPRN. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) Multicast CAC Extended Support for LAGs. 5620 SAM does not support Multicast CAC extended support for LAGs.</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router and VPRN interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R14)
	<p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p> <p>(Feature Enhancement) MSDP Statistics Enhancements. 5620 SAM does not support collection of MSDP source address rejection statistics or peer received unknown and reserved message statistics.</p>
5620 SAM 5.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(Feature Enhancement) SRRP Instance Master and Backup Traps. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state.</p> <p>(Feature Enhancement) CPM Filter IPv6 Entry Flow Label. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnxMplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel ‘Labels Exhausted’ State Cause. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy User Name Format. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R14)
	<p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) Subscriber Routed Redundancy Protocol. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP).</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) Port-based Egress Scheduling Policies. 5620 SAM does not support Port-based Egress Scheduling Policies.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES/VPRN. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) Multicast CAC Extended Support for LAGs. 5620 SAM does not support Multicast CAC extended support for LAGs.</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R14)
	<p>support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router and VPRN interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p> <p>(Feature Enhancement) MSDP Statistics Enhancements. 5620 SAM does not support collection of MSDP source address rejection statistics or peer received unknown and reserved message statistics.</p>

Table 54: 7750 SR 5.0 R13

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R13)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R13)
	<p>Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 6.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R13)
	<p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 5.0 R6 through R11	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) SRRP Instance Master and Backup Traps. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state.</p> <p>(Feature Enhancement) CPM Filter IPv6 Entry Flow Label. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R13)
	<p>support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmNxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel 'Labels Exhausted' State Cause. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 5.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) SRRP Instance Master and Backup Traps. 5620 SAM does not support the tmNxSrrpTrapNewMaster and tmNxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state.</p> <p>(Feature Enhancement) CPM Filter IPv6 Entry Flow Label. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R13)
	<p>support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnmplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel ‘Labels Exhausted’ State Cause. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy User Name Format. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R13)
	<p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 5.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) SRRP Instance Master and Backup Traps. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state.</p> <p>(Feature Enhancement) CPM Filter IPv6 Entry Flow Label. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnxMplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel ‘Labels Exhausted’ State Cause. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy User Name Format. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R13)
	<p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) Subscriber Routed Redundancy Protocol. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP).</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES/VPRN. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router and VPRN interfaces.</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R13)
	<p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p>
5620 SAM 5.0 R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) SRRP Instance Master and Backup Traps. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state.</p> <p>(Feature Enhancement) CPM Filter IPv6 Entry Flow Label. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnxMplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel ‘Labels Exhausted’ State Cause. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy User Name Format. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R13)
	<p>“port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) Subscriber Routed Redundancy Protocol. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP).</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) Port-based Egress Scheduling Policies. 5620 SAM does not support Port-based Egress Scheduling Policies.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES/VPRN. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) Multicast CAC Extended Support for LAGs. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R13)
	<p>not support Multicast CAC extended support for LAGs.</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router and VPRN interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p> <p>(Feature Enhancement) MSDP Statistics Enhancements. 5620 SAM does not support collection of MSDP source address rejection statistics or peer received unknown and reserved message statistics.</p>
5620 SAM 5.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) SRRP Instance Master and Backup Traps. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state.</p> <p>(Feature Enhancement) CPM Filter IPv6 Entry Flow Label. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnxMplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel ‘Labels Exhausted’ State Cause. 5620 SAM does not support the operational state cause “Label Manager has run out of labels”</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R13)
	<p>for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy User Name Format. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) Subscriber Routed Redundancy Protocol. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP).</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) Port-based Egress Scheduling Policies. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R13)
	<p>support Port-based Egress Scheduling Policies.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES/VRN. 5620 SAM does not support Unnumbered IP Interfaces for IES and VRN services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) Multicast CAC Extended Support for LAGs. 5620 SAM does not support Multicast CAC extended support for LAGs.</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router and VRN interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VRN interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p> <p>(Feature Enhancement) MSDP Statistics Enhancements. 5620 SAM does not support collection of MSDP source address rejection statistics or peer received unknown and reserved message statistics.</p>

Table 55: 7750 SR 5.0 R12

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R12)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R12)
	<p>Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 6.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R12)
	<p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 5.0 R6 through R11	<p>Network element supported with the following limitations:</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) CPM Filter IPv6 Entry Flow Label. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R12)
	<p>not support the TmnmplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel 'Labels Exhausted' State Cause. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 5.0 R5	<p>Network element supported with the following limitations:</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) CPM Filter IPv6 Entry Flow Label. 5620 SAM does not support configuration of "no flow-label" (value -1) for CPM Filter IPv6 entries.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R12)
	<p>the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnmplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel ‘Labels Exhausted’ State Cause. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy User Name Format. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R12)
5620 SAM 5.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) CPM Filter IPv6 Entry Flow Label. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnmplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel ‘Labels Exhausted’ State Cause. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy User Name Format. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R12)
	<p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) Subscriber Routed Redundancy Protocol. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP).</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES/VPRN. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router and VPRN interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R12)
	(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.
5620 SAM 5.0 R2	<p>Network element supported with the following limitations:</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) CPM Filter IPv6 Entry Flow Label. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnmplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel ‘Labels Exhausted’ State Cause. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy User Name Format. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R12)
	<p>CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) Subscriber Routed Redundancy Protocol. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP).</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) Port-based Egress Scheduling Policies. 5620 SAM does not support Port-based Egress Scheduling Policies.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES/VPRN. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) Multicast CAC Extended Support for LAGs. 5620 SAM does not support Multicast CAC extended support for LAGs.</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router and VPRN interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R12)
	<p>interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p> <p>(Feature Enhancement) MSDP Statistics Enhancements. 5620 SAM does not support collection of MSDP source address rejection statistics or peer received unknown and reserved message statistics.</p>
5620 SAM 5.0 R1	<p>Network element supported with the following limitations:</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) CPM Filter IPv6 Entry Flow Label. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnmplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel ‘Labels Exhausted’ State Cause. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy User Name Format. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R12)
	<p>support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) Subscriber Routed Redundancy Protocol. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP).</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) Port-based Egress Scheduling Policies. 5620 SAM does not support Port-based Egress Scheduling Policies.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES/VPRN. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) Multicast CAC Extended Support for LAGs. 5620 SAM does not support Multicast CAC extended support for LAGs.</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R12)
	<p>Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router and VPRN interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p> <p>(Feature Enhancement) MSDP Statistics Enhancements. 5620 SAM does not support collection of MSDP source address rejection statistics or peer received unknown and reserved message statistics.</p>

Table 56: 7750 SR 5.0 R11

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R11)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R11)
	<p>the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 6.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R11)
	<p>Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 5.0 R6 through R11	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel 'Labels Exhausted' State Cause. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R11)
	<p>Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 5.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnxMplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel ‘Labels Exhausted’ State Cause. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy User Name Format. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R11)
	<p>Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 5.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnmplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel ‘Labels Exhausted’ State Cause. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy User Name Format. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple)</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R11)
	<p>settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) Subscriber Routed Redundancy Protocol. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP).</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R11)
	<p>(Feature Enhancement) Unnumbered IP Interfaces on IES/VRN. 5620 SAM does not support Unnumbered IP Interfaces for IES and VRN services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router and VRN interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VRN interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p>
5620 SAM 5.0 R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VRN ping (values 1-39) and VRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnmplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel ‘Labels Exhausted’ State Cause. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy User Name Format. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R11)
	<p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) Subscriber Routed Redundancy Protocol. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP).</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) Port-based Egress Scheduling Policies. 5620 SAM does not support Port-based Egress Scheduling Policies.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES/VPRN. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services.</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R11)
	<p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) Multicast CAC Extended Support for LAGs. 5620 SAM does not support Multicast CAC extended support for LAGs.</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router and VPRN interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p> <p>(Feature Enhancement) MSDP Statistics Enhancements. 5620 SAM does not support collection of MSDP source address rejection statistics or peer received unknown and reserved message statistics.</p>
5620 SAM 5.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmNxMplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel ‘Labels Exhausted’ State Cause. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy User Name Format. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R11)
	<p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) Subscriber Routed Redundancy Protocol. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP).</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) Port-based Egress Scheduling Policies. 5620 SAM does not support Port-based Egress Scheduling Policies.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R11)
	<p>(Feature Enhancement) Unnumbered IP Interfaces on IES/VRN. 5620 SAM does not support Unnumbered IP Interfaces for IES and VRN services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) Multicast CAC Extended Support for LAGs. 5620 SAM does not support Multicast CAC extended support for LAGs.</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router and VRN interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VRN interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p> <p>(Feature Enhancement) MSDP Statistics Enhancements. 5620 SAM does not support collection of MSDP source address rejection statistics or peer received unknown and reserved message statistics.</p>

Table 57: 7750 SR 5.0 R10

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R10)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’.</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R10)
	<p>5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 6.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R10)
	<p>under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 5.0 R6 through R11	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnmplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel 'Labels Exhausted' State Cause. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R10)
	<p>CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 5.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmrxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel 'Labels Exhausted' State Cause. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy User Name Format. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R10)
	<p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 5.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel 'Labels Exhausted' State Cause. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy User Name Format. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R10)
	<p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) Subscriber Routed Redundancy Protocol. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP).</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES/VPRN. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router and VPRN interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R10)
	<p>interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p>
5620 SAM 5.0 R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel 'Labels Exhausted' State Cause. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy User Name Format. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R10)
	<p>not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) Subscriber Routed Redundancy Protocol. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP).</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) Port-based Egress Scheduling Policies. 5620 SAM does not support Port-based Egress Scheduling Policies.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES/VPRN. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) Multicast CAC Extended Support for LAGs. 5620 SAM does not support Multicast CAC extended support for LAGs.</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router and VPRN interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R10)
	<p>configuration for ethernet ports.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p> <p>(Feature Enhancement) MSDP Statistics Enhancements. 5620 SAM does not support collection of MSDP source address rejection statistics or peer received unknown and reserved message statistics.</p>
5620 SAM 5.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel 'Labels Exhausted' State Cause. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy User Name Format. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R10)
	<p>not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) Subscriber Routed Redundancy Protocol. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP).</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) Port-based Egress Scheduling Policies. 5620 SAM does not support Port-based Egress Scheduling Policies.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES/VPRN. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) Multicast CAC Extended Support for LAGs. 5620 SAM does not support Multicast CAC extended support for LAGs.</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router and VPRN interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R10)
	<p>configuration for ethernet ports.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p> <p>(Feature Enhancement) MSDP Statistics Enhancements. 5620 SAM does not support collection of MSDP source address rejection statistics or peer received unknown and reserved message statistics.</p>

Table 58: 7750 SR 5.0 R8 through R9

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R8 through R9)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R8 through R9)
	<p>VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 6.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R8 through R9)
	<p>and vprn-trace.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 5.0 R6 through R11	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 5.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R8 through R9)
	<p>Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 5.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R8 through R9)
	<p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) Subscriber Routed Redundancy Protocol. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP).</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES/VPRN. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router and VPRN interfaces.</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R8 through R9)
	<p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p>
5620 SAM 5.0 R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R8 through R9)
	<p>and vprn-trace.</p> <p>(Feature Enhancement) Subscriber Routed Redundancy Protocol. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP).</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) Port-based Egress Scheduling Policies. 5620 SAM does not support Port-based Egress Scheduling Policies.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES/VPRN. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) Multicast CAC Extended Support for LAGs. 5620 SAM does not support Multicast CAC extended support for LAGs.</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router and VPRN interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p> <p>(Feature Enhancement) MSDP Statistics Enhancements. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R8 through R9)
	collection of MSDP source address rejection statistics or peer received unknown and reserved message statistics.
5620 SAM 5.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) Subscriber Routed Redundancy Protocol. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP).</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R8 through R9)
	<p>Bypass Tunnels.</p> <p>(Feature Enhancement) Port-based Egress Scheduling Policies. 5620 SAM does not support Port-based Egress Scheduling Policies.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES/VRN. 5620 SAM does not support Unnumbered IP Interfaces for IES and VRN services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) Multicast CAC Extended Support for LAGs. 5620 SAM does not support Multicast CAC extended support for LAGs.</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router and VRN interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VRN interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p> <p>(Feature Enhancement) MSDP Statistics Enhancements. 5620 SAM does not support collection of MSDP source address rejection statistics or peer received unknown and reserved message statistics.</p>

Table 59: 7750 SR 5.0 R5 through R7

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R5 through R7)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R5 through R7)
	<p>startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 6.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 5.0 R6 through R11	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R5 through R7)
	<p>CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 5.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R5 through R7)
	not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) Subscriber Routed Redundancy Protocol. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP).</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R5 through R7)
	<p>configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES/VP RN. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router and VPRN interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p>
5620 SAM 5.0 R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R5 through R7)
	<p>CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) Subscriber Routed Redundancy Protocol. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP).</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) Port-based Egress Scheduling Policies. 5620 SAM does not support Port-based Egress Scheduling Policies.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES/VPRN. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) Multicast CAC Extended Support for LAGs. 5620 SAM does not support Multicast CAC extended support for LAGs.</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router and VPRN interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R5 through R7)
	<p>interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p> <p>(Feature Enhancement) MSDP Statistics Enhancements. 5620 SAM does not support collection of MSDP source address rejection statistics or peer received unknown and reserved message statistics.</p>
5620 SAM 5.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) Subscriber Routed Redundancy Protocol. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP).</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R5 through R7)
	<p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) Port-based Egress Scheduling Policies. 5620 SAM does not support Port-based Egress Scheduling Policies.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES/VP RN. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) Multicast CAC Extended Support for LAGs. 5620 SAM does not support Multicast CAC extended support for LAGs.</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router and VPRN interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p> <p>(Feature Enhancement) MSDP Statistics Enhancements. 5620 SAM does not support collection of MSDP source address rejection statistics or peer received unknown and reserved message statistics.</p>

Table 60: 7750 SR 5.0 R4

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R4)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 6.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 5.0 R5 through R11	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 5.0 R3	Network element supported with the following limitations:

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R4)
through R4	<p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Routed Redundancy Protocol. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP).</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES/VPRN. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router and VPRN interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p>
5620 SAM 5.0 R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39),</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R4)
	<p>VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Routed Redundancy Protocol. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP).</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) Port-based Egress Scheduling Policies. 5620 SAM does not support Port-based Egress Scheduling Policies.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES/VPRN. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) Multicast CAC Extended Support for LAGs. 5620 SAM does not support Multicast CAC extended support for LAGs.</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router and VPRN interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p> <p>(Feature Enhancement) MSDP Statistics Enhancements. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R4)
	collection of MSDP source address rejection statistics or peer received unknown and reserved message statistics.
5620 SAM 5.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p> <p>(Feature Enhancement) Subscriber Routed Redundancy Protocol. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP).</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) Port-based Egress Scheduling Policies. 5620 SAM does not support Port-based Egress Scheduling Policies.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES/VPRN. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) Multicast CAC Extended Support for LAGs. 5620 SAM does not support Multicast CAC extended support for LAGs.</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router and VPRN interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R4)
	<p>interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p> <p>(Feature Enhancement) MSDP Statistics Enhancements. 5620 SAM does not support collection of MSDP source address rejection statistics or peer received unknown and reserved message statistics.</p>

Table 61: 7750 SR 5.0 R3

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R3)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router and VPRN interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p> <p>(Feature Enhancement) MSDP Statistics Enhancements. 5620 SAM does not support collection of MSDP source address rejection statistics or peer received unknown and reserved message statistics.</p>
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router and VPRN interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R3)
	<p>RADIUS Template User Account configuration.</p> <p>(Feature Enhancement) MSDP Statistics Enhancements. 5620 SAM does not support collection of MSDP source address rejection statistics or peer received unknown and reserved message statistics.</p>
5620 SAM 6.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router and VPRN interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p> <p>(Feature Enhancement) MSDP Statistics Enhancements. 5620 SAM does not support collection of MSDP source address rejection statistics or peer received unknown and reserved message statistics.</p>
5620 SAM 5.0 R2 through R11	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router and VPRN interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p> <p>(Feature Enhancement) MSDP Statistics Enhancements. 5620 SAM does not support collection of MSDP source address rejection statistics or peer received unknown and reserved message statistics.</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R3)
	reserved message statistics.
5620 SAM 5.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router and VPRN interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p> <p>(Feature Enhancement) MSDP Statistics Enhancements. 5620 SAM does not support collection of MSDP source address rejection statistics or peer received unknown and reserved message statistics.</p>

Table 62: 7750 SR 5.0 R1 through R2

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R1 through R2)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(DTS 59339) Bundle Protection Groups. 5620 SAM management of routers that have Bundle Protection Groups configured can result in router instability. This issue is resolved in 7750 Release 5.0 R3.</p> <p>(PTS 518180) 7750 SR router upgrade to Release 5.0 R1 or R2. A 7750 Router's configuration may be altered after upgrading from 7750 Release 3.0 or 4.0 to 7750 Release 5.0 R1 or R2 if TDM interfaces are installed. Before attempting to upgrade a 7750 to Release 5.0 R1 or R2 with TDM interfaces, Alcatel-Lucent support should be contacted. This issue is resolved in 7750 Release 5.0 R3.</p>
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(DTS 59339) Bundle Protection Groups. 5620 SAM management of routers that have Bundle Protection Groups configured can result in router instability. This issue is resolved in 7750 Release 5.0 R3.</p> <p>(PTS 518180) 7750 SR router upgrade to Release 5.0 R1 or R2. A 7750 Router's configuration may be altered after upgrading from 7750 Release 3.0 or 4.0 to 7750 Release 5.0 R1 or R2 if TDM interfaces are installed. Before attempting to upgrade a 7750 to Release 5.0 R1 or R2 with TDM interfaces, Alcatel-Lucent support should be contacted. This issue is resolved in 7750 Release 5.0 R3.</p>
5620 SAM 6.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(DTS 59339) Bundle Protection Groups. 5620 SAM management of routers that have Bundle Protection Groups configured can result in router instability. This issue is resolved in 7750 Release 5.0 R3.</p> <p>(PTS 518180) 7750 SR router upgrade to Release 5.0 R1 or R2. A 7750 Router's configuration may be altered after upgrading from 7750 Release 3.0 or 4.0 to 7750 Release 5.0 R1 or R2 if TDM interfaces are installed. Before attempting to upgrade a 7750 to Release 5.0 R1 or R2 with TDM interfaces, Alcatel-Lucent support should be contacted. This issue is resolved in 7750 Release 5.0 R3.</p>

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R1 through R2)
5620 SAM 5.0 R2 through R11	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(DTS 59339) Bundle Protection Groups. 5620 SAM management of routers that have Bundle Protection Groups configured can result in router instability. This issue is resolved in 7750 Release 5.0 R3.</p> <p>(PTS 518180) 7750 SR router upgrade to Release 5.0 R1 or R2. A 7750 Router's configuration may be altered after upgrading from 7750 Release 3.0 or 4.0 to 7750 Release 5.0 R1 or R2 if TDM interfaces are installed. Before attempting to upgrade a 7750 to Release 5.0 R1 or R2 with TDM interfaces, Alcatel-Lucent support should be contacted. This issue is resolved in 7750 Release 5.0 R3.</p>
5620 SAM 5.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(DTS 59339) Bundle Protection Groups. 5620 SAM management of routers that have Bundle Protection Groups configured can result in router instability. This issue is resolved in 7750 Release 5.0 R3.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p> <p>(PTS 518180) 7750 SR router upgrade to Release 5.0 R1 or R2. A 7750 Router's configuration may be altered after upgrading from 7750 Release 3.0 or 4.0 to 7750 Release 5.0 R1 or R2 if TDM interfaces are installed. Before attempting to upgrade a 7750 to Release 5.0 R1 or R2 with TDM interfaces, Alcatel-Lucent support should be contacted. This issue is resolved in 7750 Release 5.0 R3.</p>

Alcatel-Lucent 7750 Service Router Release 4.0

Table 63: 7750 SR 4.0 R21

5620 SAM Release	Compatibility Statement (7750 SR 4.0 R21)
5620 SAM 7.0 R1 and above	<p>Network element <u>not</u> supported.</p> <p>5620 SAM does not support management of this router version.</p>
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) High-Bandwidth IP Multicast MDA. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs.</p> <p>(Feature Enhancement) TACACS+ Template User Account. 5620 SAM does not support TACACS+ template user account configuration.</p> <p>(Feature Enhancement) IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces.</p> <p>(Feature Enhancement) PIM Three-Way-Hello. 5620 SAM does not support PIM Three-Way-Hello.</p> <p>(Feature Enhancement) BGP Peer Tracking. 5620 SAM does not support BGP Peer Tracking.</p> <p>(Feature Enhancement) VRRP Standby Forwarding. 5620 SAM does not support VRRP Standby Forwarding.</p> <p>(Feature Enhancement) MVPLS Enhancements for Managed VLAN lists. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.</p>
5620 SAM 6.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) High-Bandwidth IP Multicast MDA. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs.</p>

5620 SAM Release	Compatibility Statement (7750 SR 4.0 R21)
	<p>(Feature Enhancement) TACACS+ Template User Account. 5620 SAM does not support TACACS+ template user account configuration.</p> <p>(Feature Enhancement) IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces.</p> <p>(Feature Enhancement) PIM Three-Way-Hello. 5620 SAM does not support PIM Three-Way-Hello.</p> <p>(Feature Enhancement) BGP Peer Tracking. 5620 SAM does not support BGP Peer Tracking.</p> <p>(Feature Enhancement) VRRP Standby Forwarding. 5620 SAM does not support VRRP Standby Forwarding.</p> <p>(Feature Enhancement) MVPLS Enhancements for Managed VLAN lists. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.</p>
5620 SAM 5.0 R6 through R11	<p>Network element supported with the following limitations:</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) High-Bandwidth IP Multicast MDA. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs.</p> <p>(Feature Enhancement) TACACS+ Template User Account. 5620 SAM does not support TACACS+ template user account configuration.</p> <p>(Feature Enhancement) IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces.</p> <p>(Feature Enhancement) PIM Three-Way-Hello. 5620 SAM does not support PIM Three-Way-Hello.</p> <p>(Feature Enhancement) BGP Peer Tracking. 5620 SAM does not support BGP Peer Tracking.</p> <p>(Feature Enhancement) VRRP Standby Forwarding. 5620 SAM does not support VRRP Standby Forwarding.</p> <p>(Feature Enhancement) MVPLS Enhancements for Managed VLAN lists. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.</p>

5620 SAM Release	Compatibility Statement (7750 SR 4.0 R21)
5620 SAM 5.0 R2 through R5	<p>Network element supported with the following limitations:</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) High-Bandwidth IP Multicast MDA. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs.</p> <p>(Feature Enhancement) TACACS+ Template User Account. 5620 SAM does not support TACACS+ template user account configuration.</p> <p>(Feature Enhancement) IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces.</p> <p>(Feature Enhancement) PIM Three-Way-Hello. 5620 SAM does not support PIM Three-Way-Hello.</p> <p>(Feature Enhancement) BGP Peer Tracking. 5620 SAM does not support BGP Peer Tracking.</p> <p>(Feature Enhancement) VRRP Standby Forwarding. 5620 SAM does not support VRRP Standby Forwarding.</p> <p>(Feature Enhancement) MVPLS Enhancements for Managed VLAN lists. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value ‘0’ within a managed-vlan-list range.</p>
5620 SAM 5.0 R1	<p>Network element supported with the following limitations:</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p> <p>(Feature Enhancement) High-Bandwidth IP Multicast MDA. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs.</p> <p>(Feature Enhancement) TACACS+ Template User Account. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7750 SR 4.0 R21)
	<p>support TACACS+ template user account configuration.</p> <p>(Feature Enhancement) IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces.</p> <p>(Feature Enhancement) PIM Three-Way-Hello. 5620 SAM does not support PIM Three-Way-Hello.</p> <p>(Feature Enhancement) BGP Peer Tracking. 5620 SAM does not support BGP Peer Tracking.</p> <p>(Feature Enhancement) VRRP Standby Forwarding. 5620 SAM does not support VRRP Standby Forwarding.</p> <p>(Feature Enhancement) MVPLS Enhancements for Managed VLAN lists. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.</p>
5620 SAM 4.0 R2 through R12	<p>Network element supported with the following limitations:</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p> <p>(Feature Enhancement) High-Bandwidth IP Multicast MDA. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs.</p> <p>(Feature Enhancement) TACACS+ Template User Account. 5620 SAM does not support TACACS+ template user account configuration.</p> <p>(Feature Enhancement) IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces.</p> <p>(Feature Enhancement) PIM Three-Way-Hello. 5620 SAM does not support PIM Three-Way-Hello.</p> <p>(Feature Enhancement) BGP Peer Tracking. 5620 SAM does not support BGP Peer Tracking.</p> <p>(Feature Enhancement) VRRP Standby Forwarding. 5620 SAM does not support VRRP Standby Forwarding.</p> <p>(Feature Enhancement) MVPLS Enhancements for Managed VLAN lists. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.</p>

5620 SAM Release	Compatibility Statement (7750 SR 4.0 R21)
5620 SAM 4.0 R1	<p>Network element supported with the following limitations:</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p> <p>(Feature Enhancement) High-Bandwidth IP Multicast MDA. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs.</p> <p>(Feature Enhancement) TACACS+ Template User Account. 5620 SAM does not support TACACS+ template user account configuration.</p> <p>(Feature Enhancement) IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces.</p> <p>(Feature Enhancement) PIM Three-Way-Hello. 5620 SAM does not support PIM Three-Way-Hello.</p> <p>(Feature Enhancement) MVPLS Enhancements for Managed VLAN lists. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.</p> <p>(PTS 505742) ISSU and "Configuration File Change" Synchronization Mode. Performing an In-Service Software Update (ISSU) with Redundant Synchronization Mode set to "Configuration File Change" will not perform a CPM switchover after software download completes. The user must change the Redundant Synchronization Mode to "Boot Environment Change" in order to successfully complete an In-Service Software Update.</p> <p>(PTS 504885) ACL IPv6 Filter Entry Creation. 5620 SAM does not support creation of ACL IPv6 filter entries via the ACL IPv6 Filter Policy Manager. The ACL IPv6 filter entry can be created via the 5620 SAM Script Manager using the following example script:</p> <pre>configure filter ipv6-filter \$ip6FilterNum\$ entry \$ip6FilterEntryNum\$ create</pre> <p>Where \$ip6FilterNum\$ is a variable representing the ACL IPv6 filter policy number, and \$ip6FilterEntryNum\$ is a variable representing the ACL IPv6 filter entry number to be created. Modification of existing ACL IPv6 filter entries is fully supported.</p> <p>(Feature Enhancement) BGP Peer Tracking. 5620 SAM does not support BGP Peer Tracking.</p>

5620 SAM Release	Compatibility Statement (7750 SR 4.0 R21)
	<p>(Feature Enhancement) VRRP Standby Forwarding. 5620 SAM does not support VRRP Standby Forwarding.</p> <p>(PTS 505396) Dynamic Updates For Residential Subscribers. Subscriber Management MIB improvements prevent 5620 SAM from properly handing changes to residential subscribers when initiated from the network element. Full resynchronization of the network element is required to capture current Residential Subscriber information.</p>

Table 64: 7750 SR 4.0 R14 through R20

5620 SAM Release	Compatibility Statement (7750 SR 4.0 R14 through R20)
5620 SAM 7.0 R1 and above	<p>Network element <u>not</u> supported.</p> <p>5620 SAM does not support management of this router version.</p>
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) High-Bandwidth IP Multicast MDA. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs.</p> <p>(Feature Enhancement) TACACS+ Template User Account. 5620 SAM does not support TACACS+ template user account configuration.</p> <p>(Feature Enhancement) IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces.</p> <p>(Feature Enhancement) PIM Three-Way-Hello. 5620 SAM does not support PIM Three-Way-Hello.</p> <p>(Feature Enhancement) BGP Peer Tracking. 5620 SAM does not support BGP Peer Tracking.</p> <p>(Feature Enhancement) VRRP Standby Forwarding. 5620 SAM does not support VRRP Standby Forwarding.</p> <p>(Feature Enhancement) MVPLS Enhancements for Managed VLAN lists. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.</p>
5620 SAM 6.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) High-Bandwidth IP Multicast MDA. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs.</p> <p>(Feature Enhancement) TACACS+ Template User Account. 5620 SAM does not support TACACS+ template user account configuration.</p> <p>(Feature Enhancement) IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces.</p> <p>(Feature Enhancement) PIM Three-Way-Hello. 5620 SAM does not support PIM Three-Way-Hello.</p>

5620 SAM Release	Compatibility Statement (7750 SR 4.0 R14 through R20)
	<p>(Feature Enhancement) BGP Peer Tracking. 5620 SAM does not support BGP Peer Tracking.</p> <p>(Feature Enhancement) VRRP Standby Forwarding. 5620 SAM does not support VRRP Standby Forwarding.</p> <p>(Feature Enhancement) MVPLS Enhancements for Managed VLAN lists. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.</p>
5620 SAM 5.0 R6 through R11	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) High-Bandwidth IP Multicast MDA. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs.</p> <p>(Feature Enhancement) TACACS+ Template User Account. 5620 SAM does not support TACACS+ template user account configuration.</p> <p>(Feature Enhancement) IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces.</p> <p>(Feature Enhancement) PIM Three-Way-Hello. 5620 SAM does not support PIM Three-Way-Hello.</p> <p>(Feature Enhancement) BGP Peer Tracking. 5620 SAM does not support BGP Peer Tracking.</p> <p>(Feature Enhancement) VRRP Standby Forwarding. 5620 SAM does not support VRRP Standby Forwarding.</p> <p>(Feature Enhancement) MVPLS Enhancements for Managed VLAN lists. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.</p>
5620 SAM 5.0 R2 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) High-Bandwidth IP Multicast MDA. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs.</p>

5620 SAM Release	Compatibility Statement (7750 SR 4.0 R14 through R20)
	<p>(Feature Enhancement) TACACS+ Template User Account. 5620 SAM does not support TACACS+ template user account configuration.</p> <p>(Feature Enhancement) IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces.</p> <p>(Feature Enhancement) PIM Three-Way-Hello. 5620 SAM does not support PIM Three-Way-Hello.</p> <p>(Feature Enhancement) BGP Peer Tracking. 5620 SAM does not support BGP Peer Tracking.</p> <p>(Feature Enhancement) VRRP Standby Forwarding. 5620 SAM does not support VRRP Standby Forwarding.</p> <p>(Feature Enhancement) MVPLS Enhancements for Managed VLAN lists. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.</p>
5620 SAM 5.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p> <p>(Feature Enhancement) High-Bandwidth IP Multicast MDA. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs.</p> <p>(Feature Enhancement) TACACS+ Template User Account. 5620 SAM does not support TACACS+ template user account configuration.</p> <p>(Feature Enhancement) IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces.</p> <p>(Feature Enhancement) PIM Three-Way-Hello. 5620 SAM does not support PIM Three-Way-Hello.</p> <p>(Feature Enhancement) BGP Peer Tracking. 5620 SAM does not support BGP Peer Tracking.</p> <p>(Feature Enhancement) VRRP Standby Forwarding. 5620 SAM does not support VRRP Standby Forwarding.</p> <p>(Feature Enhancement) MVPLS Enhancements for Managed VLAN lists. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.</p>

5620 SAM Release	Compatibility Statement (7750 SR 4.0 R14 through R20)
5620 SAM 4.0 R2 through R12	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p> <p>(Feature Enhancement) High-Bandwidth IP Multicast MDA. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs.</p> <p>(Feature Enhancement) TACACS+ Template User Account. 5620 SAM does not support TACACS+ template user account configuration.</p> <p>(Feature Enhancement) IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces.</p> <p>(Feature Enhancement) PIM Three-Way-Hello. 5620 SAM does not support PIM Three-Way-Hello.</p> <p>(Feature Enhancement) BGP Peer Tracking. 5620 SAM does not support BGP Peer Tracking.</p> <p>(Feature Enhancement) VRRP Standby Forwarding. 5620 SAM does not support VRRP Standby Forwarding.</p> <p>(Feature Enhancement) MVPLS Enhancements for Managed VLAN lists. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.</p>
5620 SAM 4.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p> <p>(Feature Enhancement) High-Bandwidth IP Multicast MDA. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs.</p> <p>(Feature Enhancement) TACACS+ Template User Account. 5620 SAM does not support TACACS+ template user account configuration.</p> <p>(Feature Enhancement) IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces.</p> <p>(Feature Enhancement) PIM Three-Way-Hello. 5620 SAM does not support PIM Three-Way-Hello.</p> <p>(Feature Enhancement) MVPLS Enhancements for Managed VLAN lists. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists</p>

5620 SAM Release	Compatibility Statement (7750 SR 4.0 R14 through R20)
	<p>under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.</p> <p>(PTS 505742) ISSU and "Configuration File Change" Synchronization Mode. Performing an In-Service Software Update (ISSU) with Redundant Synchronization Mode set to "Configuration File Change" will not perform a CPM switchover after software download completes. The user must change the Redundant Synchronization Mode to "Boot Environment Change" in order to successfully complete an In-Service Software Update.</p> <p>(PTS 504885) ACL IPv6 Filter Entry Creation. 5620 SAM does not support creation of ACL IPv6 filter entries via the ACL IPv6 Filter Policy Manager. The ACL IPv6 filter entry can be created via the 5620 SAM Script Manager using the following example script:</p> <pre>configure filter ipv6-filter \$ipv6FilterNum\$ entry \$ipv6FilterEntryNum\$ create</pre> <p>Where \$ipv6FilterNum\$ is a variable representing the ACL IPv6 filter policy number, and \$ipv6FilterEntryNum\$ is a variable representing the ACL IPv6 filter entry number to be created. Modification of existing ACL IPv6 filter entries is fully supported.</p> <p>(Feature Enhancement) BGP Peer Tracking. 5620 SAM does not support BGP Peer Tracking.</p> <p>(Feature Enhancement) VRRP Standby Forwarding. 5620 SAM does not support VRRP Standby Forwarding.</p> <p>(PTS 505396) Dynamic Updates For Residential Subscribers. Subscriber Management MIB improvements prevent 5620 SAM from properly handling changes to residential subscribers when initiated from the network element. Full resynchronization of the network element is required to capture current Residential Subscriber information.</p>

Table 65: 7750 SR 4.0 R7 through R13

5620 SAM Release	Compatibility Statement (7750 SR 4.0 R7 through R13)
5620 SAM 7.0 R1 and above	<p>Network element <u>not</u> supported.</p> <p>5620 SAM does not support management of this router version.</p>
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) High-Bandwidth IP Multicast MDA. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs.</p> <p>(Feature Enhancement) TACACS+ Template User Account. 5620 SAM does not support TACACS+ template user account configuration.</p> <p>(Feature Enhancement) IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces.</p> <p>(Feature Enhancement) PIM Three-Way-Hello. 5620 SAM does not support PIM Three-Way-Hello.</p> <p>(Feature Enhancement) BGP Peer Tracking. 5620 SAM does not support BGP Peer Tracking.</p> <p>(Feature Enhancement) VRRP Standby Forwarding. 5620 SAM does not support VRRP Standby Forwarding.</p> <p>(Feature Enhancement) MVPLS Enhancements for Managed VLAN lists. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.</p>
5620 SAM 6.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) High-Bandwidth IP Multicast MDA. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs.</p> <p>(Feature Enhancement) TACACS+ Template User Account. 5620 SAM does not support TACACS+ template user account configuration.</p> <p>(Feature Enhancement) IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces.</p> <p>(Feature Enhancement) PIM Three-Way-Hello. 5620 SAM does not support PIM Three-Way-Hello.</p>

5620 SAM Release	Compatibility Statement (7750 SR 4.0 R7 through R13)
	<p>(Feature Enhancement) BGP Peer Tracking. 5620 SAM does not support BGP Peer Tracking.</p> <p>(Feature Enhancement) VRRP Standby Forwarding. 5620 SAM does not support VRRP Standby Forwarding.</p> <p>(Feature Enhancement) MVPLS Enhancements for Managed VLAN lists. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.</p>
5620 SAM 5.0 R2 through R11	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) High-Bandwidth IP Multicast MDA. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs.</p> <p>(Feature Enhancement) TACACS+ Template User Account. 5620 SAM does not support TACACS+ template user account configuration.</p> <p>(Feature Enhancement) IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces.</p> <p>(Feature Enhancement) PIM Three-Way-Hello. 5620 SAM does not support PIM Three-Way-Hello.</p> <p>(Feature Enhancement) BGP Peer Tracking. 5620 SAM does not support BGP Peer Tracking.</p> <p>(Feature Enhancement) VRRP Standby Forwarding. 5620 SAM does not support VRRP Standby Forwarding.</p> <p>(Feature Enhancement) MVPLS Enhancements for Managed VLAN lists. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.</p>
5620 SAM 5.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p> <p>(Feature Enhancement) High-Bandwidth IP Multicast MDA. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs.</p> <p>(Feature Enhancement) TACACS+ Template User Account. 5620 SAM does not support TACACS+ template user account configuration.</p>

5620 SAM Release	Compatibility Statement (7750 SR 4.0 R7 through R13)
	<p>(Feature Enhancement) IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces.</p> <p>(Feature Enhancement) PIM Three-Way-Hello. 5620 SAM does not support PIM Three-Way-Hello.</p> <p>(Feature Enhancement) BGP Peer Tracking. 5620 SAM does not support BGP Peer Tracking.</p> <p>(Feature Enhancement) VRRP Standby Forwarding. 5620 SAM does not support VRRP Standby Forwarding.</p> <p>(Feature Enhancement) MVPLS Enhancements for Managed VLAN lists. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.</p>
5620 SAM 4.0 R2 through R12	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p> <p>(Feature Enhancement) High-Bandwidth IP Multicast MDA. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs.</p> <p>(Feature Enhancement) TACACS+ Template User Account. 5620 SAM does not support TACACS+ template user account configuration.</p> <p>(Feature Enhancement) IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces.</p> <p>(Feature Enhancement) PIM Three-Way-Hello. 5620 SAM does not support PIM Three-Way-Hello.</p> <p>(Feature Enhancement) BGP Peer Tracking. 5620 SAM does not support BGP Peer Tracking.</p> <p>(Feature Enhancement) VRRP Standby Forwarding. 5620 SAM does not support VRRP Standby Forwarding.</p> <p>(Feature Enhancement) MVPLS Enhancements for Managed VLAN lists. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.</p>
5620 SAM 4.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p>

5620 SAM Release	Compatibility Statement (7750 SR 4.0 R7 through R13)
	<p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p> <p>(Feature Enhancement) High-Bandwidth IP Multicast MDA. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs.</p> <p>(Feature Enhancement) TACACS+ Template User Account. 5620 SAM does not support TACACS+ template user account configuration.</p> <p>(Feature Enhancement) IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces.</p> <p>(Feature Enhancement) PIM Three-Way-Hello. 5620 SAM does not support PIM Three-Way-Hello.</p> <p>(Feature Enhancement) MVPLS Enhancements for Managed VLAN lists. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.</p> <p>(PTS 505742) ISSU and "Configuration File Change" Synchronization Mode. Performing an In-Service Software Update (ISSU) with Redundant Synchronization Mode set to "Configuration File Change" will not perform a CPM switchover after software download completes. The user must change the Redundant Synchronization Mode to "Boot Environment Change" in order to successfully complete an In-Service Software Update.</p> <p>(PTS 504885) ACL IPv6 Filter Entry Creation. 5620 SAM does not support creation of ACL IPv6 filter entries via the ACL IPv6 Filter Policy Manager. The ACL IPv6 filter entry can be created via the 5620 SAM Script Manager using the following example script:</p> <pre>configure filter ipv6-filter \$ipv6FilterNum\$ entry \$ipv6FilterEntryNum\$ create</pre> <p>Where \$ipv6FilterNum\$ is a variable representing the ACL IPv6 filter policy number, and \$ipv6FilterEntryNum\$ is a variable representing the ACL IPv6 filter entry number to be created. Modification of existing ACL IPv6 filter entries is fully supported.</p> <p>(Feature Enhancement) BGP Peer Tracking. 5620 SAM does not support BGP Peer Tracking.</p> <p>(Feature Enhancement) VRRP Standby Forwarding. 5620 SAM does not support VRRP Standby Forwarding.</p> <p>(PTS 505396) Dynamic Updates For Residential Subscribers. Subscriber Management MIB improvements prevent 5620 SAM from properly handing changes to residential subscribers when initiated from the network element. Full resynchronization of the network element is required to capture current Residential Subscriber information.</p>

Table 66: 7750 SR 4.0 R5 through R6

5620 SAM Release	Compatibility Statement (7750 SR 4.0 R5 through R6)
5620 SAM 7.0 R1 and above	<p>Network element <u>not</u> supported.</p> <p>5620 SAM does not support management of this router version.</p>
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces.</p> <p>(Feature Enhancement) PIM Three-Way-Hello. 5620 SAM does not support PIM Three-Way-Hello.</p> <p>(Feature Enhancement) BGP Peer Tracking. 5620 SAM does not support BGP Peer Tracking.</p> <p>(Feature Enhancement) VRRP Standby Forwarding. 5620 SAM does not support VRRP Standby Forwarding.</p> <p>(Feature Enhancement) MVPLS Enhancements for Managed VLAN lists. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.</p>
5620 SAM 6.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces.</p> <p>(Feature Enhancement) PIM Three-Way-Hello. 5620 SAM does not support PIM Three-Way-Hello.</p> <p>(Feature Enhancement) BGP Peer Tracking. 5620 SAM does not support BGP Peer Tracking.</p> <p>(Feature Enhancement) VRRP Standby Forwarding. 5620 SAM does not support VRRP Standby Forwarding.</p> <p>(Feature Enhancement) MVPLS Enhancements for Managed VLAN lists. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.</p>

5620 SAM Release	Compatibility Statement (7750 SR 4.0 R5 through R6)
5620 SAM 5.0 R1 through R11	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces.</p> <p>(Feature Enhancement) PIM Three-Way-Hello. 5620 SAM does not support PIM Three-Way-Hello.</p> <p>(Feature Enhancement) BGP Peer Tracking. 5620 SAM does not support BGP Peer Tracking.</p> <p>(Feature Enhancement) VRRP Standby Forwarding. 5620 SAM does not support VRRP Standby Forwarding.</p> <p>(Feature Enhancement) MVPLS Enhancements for Managed VLAN lists. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.</p>
5620 SAM 4.0 R2 through R12	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces.</p> <p>(Feature Enhancement) PIM Three-Way-Hello. 5620 SAM does not support PIM Three-Way-Hello.</p> <p>(Feature Enhancement) BGP Peer Tracking. 5620 SAM does not support BGP Peer Tracking.</p> <p>(Feature Enhancement) VRRP Standby Forwarding. 5620 SAM does not support VRRP Standby Forwarding.</p> <p>(Feature Enhancement) MVPLS Enhancements for Managed VLAN lists. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.</p>
5620 SAM 4.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces.</p>

5620 SAM Release	Compatibility Statement (7750 SR 4.0 R5 through R6)
	<p>(Feature Enhancement) PIM Three-Way-Hello. 5620 SAM does not support PIM Three-Way-Hello.</p> <p>(Feature Enhancement) MVPLS Enhancements for Managed VLAN lists. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.</p> <p>(PTS 505742) ISSU and "Configuration File Change" Synchronization Mode. Performing an In-Service Software Update (ISSU) with Redundant Synchronization Mode set to "Configuration File Change" will not perform a CPM switchover after software download completes. The user must change the Redundant Synchronization Mode to "Boot Environment Change" in order to successfully complete an In-Service Software Update.</p> <p>(PTS 504885) ACL IPv6 Filter Entry Creation. 5620 SAM does not support creation of ACL IPv6 filter entries via the ACL IPv6 Filter Policy Manager. The ACL IPv6 filter entry can be created via the 5620 SAM Script Manager using the following example script:</p> <pre>configure filter ipv6-filter \$ipv6FilterNum\$ entry \$ipv6FilterEntryNum\$ create</pre> <p>Where \$ipv6FilterNum\$ is a variable representing the ACL IPv6 filter policy number, and \$ipv6FilterEntryNum\$ is a variable representing the ACL IPv6 filter entry number to be created. Modification of existing ACL IPv6 filter entries is fully supported.</p> <p>(Feature Enhancement) BGP Peer Tracking. 5620 SAM does not support BGP Peer Tracking.</p> <p>(Feature Enhancement) VRRP Standby Forwarding. 5620 SAM does not support VRRP Standby Forwarding.</p> <p>(PTS 505396) Dynamic Updates For Residential Subscribers. Subscriber Management MIB improvements prevent 5620 SAM from properly handling changes to residential subscribers when initiated from the network element. Full resynchronization of the network element is required to capture current Residential Subscriber information.</p>

Table 67: 7750 SR 4.0 R4

5620 SAM Release	Compatibility Statement (7750 SR 4.0 R4)
5620 SAM 7.0 R1 and above	<p>Network element <u>not</u> supported.</p> <p>5620 SAM does not support management of this router version.</p>
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces.</p> <p>(Feature Enhancement) PIM Three-Way-Hello. 5620 SAM does not support PIM Three-Way-Hello.</p> <p>(Feature Enhancement) BGP Peer Tracking. 5620 SAM does not support BGP Peer Tracking.</p> <p>(Feature Enhancement) VRRP Standby Forwarding. 5620 SAM does not support VRRP Standby Forwarding.</p>
5620 SAM 6.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces.</p> <p>(Feature Enhancement) PIM Three-Way-Hello. 5620 SAM does not support PIM Three-Way-Hello.</p> <p>(Feature Enhancement) BGP Peer Tracking. 5620 SAM does not support BGP Peer Tracking.</p> <p>(Feature Enhancement) VRRP Standby Forwarding. 5620 SAM does not support VRRP Standby Forwarding.</p>
5620 SAM 5.0 R1 through R11	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces.</p> <p>(Feature Enhancement) PIM Three-Way-Hello. 5620 SAM does not support PIM</p>

5620 SAM Release	Compatibility Statement (7750 SR 4.0 R4)
	<p>Three-Way-Hello.</p> <p>(Feature Enhancement) BGP Peer Tracking. 5620 SAM does not support BGP Peer Tracking.</p> <p>(Feature Enhancement) VRRP Standby Forwarding. 5620 SAM does not support VRRP Standby Forwarding.</p>
5620 SAM 4.0 R2 through R12	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces.</p> <p>(Feature Enhancement) PIM Three-Way-Hello. 5620 SAM does not support PIM Three-Way-Hello.</p> <p>(Feature Enhancement) BGP Peer Tracking. 5620 SAM does not support BGP Peer Tracking.</p> <p>(Feature Enhancement) VRRP Standby Forwarding. 5620 SAM does not support VRRP Standby Forwarding.</p>
5620 SAM 4.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces.</p> <p>(Feature Enhancement) PIM Three-Way-Hello. 5620 SAM does not support PIM Three-Way-Hello.</p> <p>(PTS 505742) ISSU and “Configuration File Change” Synchronization Mode. Performing an In-Service Software Update (ISSU) with Redundant Synchronization Mode set to “Configuration File Change” will not perform a CPM switchover after software download completes. The user must change the Redundant Synchronization Mode to “Boot Environment Change” in order to successfully complete an In-Service Software Update.</p> <p>(PTS 504885) ACL IPv6 Filter Entry Creation. 5620 SAM does not support creation of ACL IPv6 filter entries via the ACL IPv6 Filter Policy Manager. The ACL IPv6 filter entry can be created via the 5620 SAM Script Manager using the following example script:</p> <pre>configure filter ipv6-filter \$ipv6FilterNum\$ entry \$ipv6FilterEntryNum\$ create</pre>

5620 SAM Release	Compatibility Statement (7750 SR 4.0 R4)
	<p>Where \$ipv6FilterNum\$ is a variable representing the ACL IPv6 filter policy number, and \$ipv6FilterEntryNum\$ is a variable representing the ACL IPv6 filter entry number to be created. Modification of existing ACL IPv6 filter entries is fully supported.</p> <p>(Feature Enhancement) BGP Peer Tracking. 5620 SAM does not support BGP Peer Tracking.</p> <p>(Feature Enhancement) VRRP Standby Forwarding. 5620 SAM does not support VRRP Standby Forwarding.</p> <p>(PTS 505396) Dynamic Updates For Residential Subscribers. Subscriber Management MIB improvements prevent 5620 SAM from properly handling changes to residential subscribers when initiated from the network element. Full resynchronization of the network element is required to capture current Residential Subscriber information.</p>

Table 68: 7750 SR 4.0 R3

5620 SAM Release	Compatibility Statement (7750 SR 4.0 R3)
5620 SAM 7.0 R1 and above	<p>Network element <u>not</u> supported.</p> <p>5620 SAM does not support management of this router version.</p>
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) BGP Peer Tracking. 5620 SAM does not support BGP Peer Tracking.</p> <p>(Feature Enhancement) VRRP Standby Forwarding. 5620 SAM does not support VRRP Standby Forwarding.</p>
5620 SAM 6.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) BGP Peer Tracking. 5620 SAM does not support BGP Peer Tracking.</p> <p>(Feature Enhancement) VRRP Standby Forwarding. 5620 SAM does not support VRRP Standby Forwarding.</p>
5620 SAM 5.0 R1 through R11	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) BGP Peer Tracking. 5620 SAM does not support BGP Peer Tracking.</p> <p>(Feature Enhancement) VRRP Standby Forwarding. 5620 SAM does not support VRRP Standby Forwarding.</p>
5620 SAM 4.0 R2 through R12	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) BGP Peer Tracking. 5620 SAM does not support BGP Peer Tracking.</p> <p>(Feature Enhancement) VRRP Standby Forwarding. 5620 SAM does not support VRRP</p>

5620 SAM Release	Compatibility Statement (7750 SR 4.0 R3)
	Standby Forwarding.
5620 SAM 4.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(PTS 505742) ISSU and “Configuration File Change” Synchronization Mode. Performing an In-Service Software Update (ISSU) with Redundant Synchronization Mode set to “Configuration File Change” will not perform a CPM switchover after software download completes. The user must change the Redundant Synchronization Mode to “Boot Environment Change” in order to successfully complete an In-Service Software Update.</p> <p>(PTS 504885) ACL IPv6 Filter Entry Creation. 5620 SAM does not support creation of ACL IPv6 filter entries via the ACL IPv6 Filter Policy Manager. The ACL IPv6 filter entry can be created via the 5620 SAM Script Manager using the following example script:</p> <pre>configure filter ipv6-filter \$ipv6FilterNum\$ entry \$ipv6FilterEntryNum\$ create</pre> <p>Where \$ipv6FilterNum\$ is a variable representing the ACL IPv6 filter policy number, and \$ipv6FilterEntryNum\$ is a variable representing the ACL IPv6 filter entry number to be created. Modification of existing ACL IPv6 filter entries is fully supported.</p> <p>(Feature Enhancement) BGP Peer Tracking. 5620 SAM does not support BGP Peer Tracking.</p> <p>(Feature Enhancement) VRRP Standby Forwarding. 5620 SAM does not support VRRP Standby Forwarding.</p> <p>(PTS 505396) Dynamic Updates For Residential Subscribers. Subscriber Management MIB improvements prevent 5620 SAM from properly handing changes to residential subscribers when initiated from the network element. Full resynchronization of the network element is required to capture current Residential Subscriber information.</p>

Table 69: 7750 SR 4.0 R1 through R2

5620 SAM Release	Compatibility Statement (7750 SR 4.0 R1 through R2)
5620 SAM 7.0 R1 and above	Network element <u>not</u> supported. 5620 SAM does not support management of this router version.
5620 SAM 6.1 R1 through R8	Network element supported with the following limitations: (Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).
5620 SAM 6.0 R1 through R8	Network element supported with the following limitations: (Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).
5620 SAM 5.0 R1 through R11	Network element supported with the following limitations: (Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).
5620 SAM 4.0 R3 through R12	Network element supported with the following limitations: (Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).
5620 SAM 4.0 R2	Network element supported with the following limitations: (Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). (PTS 505396) Dynamic Updates For Residential Subscribers. Subscriber Management MIB improvements prevent 5620 SAM from properly handling changes to residential subscribers when initiated from the network element. Full resynchronization of the network element is required to capture current Residential Subscriber information.
5620 SAM 4.0 R1	Network element supported with the following limitations: (Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). (PTS 504290) Statistics Collection For BGP Peers. 5620 SAM does not support collection of bgpPeerEntry statistics if any IPv6z BGP Peer addresses are configured. If addresses of this type are configured on the network element, collection for these objects must be turned off via the 5620 SAM Client by using the following procedure:

5620 SAM Release	Compatibility Statement (7750 SR 4.0 R1 through R2)
	<p>Required Actions:</p> <p>Open <i>Administration</i> -> <i>Poller Policies</i> from the client GUI main menu and navigate to the <i>Stats MIB Policies</i> tab.</p> <p>Edit the default statistics policy and navigate to the <i>MIB Entry Policies</i> tab.</p> <p>Locate the entries within the table for the 4.0 version of MIB Entry Name <i>bgpPeerEntry</i>.</p> <p>Edit each entry within the table and set the <i>Administrative State</i> to down.</p> <p>(PTS 500630) Static Routes With Un-numbered Interfaces. 5620 SAM does not support the creation of static routes with an un-numbered interface as the next hop.</p> <p>(PTS 500764) Modification of Dynamic Hosts for Subscriber Management. 5620 SAM does not support the modification of SLA profiles and subscriber profiles for dynamic hosts.</p>

Alcatel-Lucent 7750 Service Router Release 3.0

Table 70: 7750 SR 3.0 R19 through R20

5620 SAM Release	Compatibility Statement (7750 SR 3.0 R19 through R20)
5620 SAM 6.0 R1 and above	<p>Network element <u>not</u> supported.</p> <p>5620 SAM does not support management of this router version.</p>
5620 SAM 5.0 R6 through R11	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces.</p> <p>(Feature Enhancement) PIM Three-Way-Hello. 5620 SAM does not support PIM Three-Way-Hello.</p> <p>(Feature Enhancement) CPM-Queue Statistics. 5620 SAM does not support CPM-Queue Statistics.</p> <p>(Feature Enhancement) BERT on Channelized MDAs. 5620 SAM does not display information about BERT on channelized MDAs.</p> <p>(Feature Enhancement) BGP-4 Outbound Route Filtering. 5620 SAM does not support Outbound Route Filtering for BGP.</p> <p>(PTS 495339) Support for Additional OSPF Timer Options. New OSPF timers - lsa-arrival, lsa-general and spf-max-wait - cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.</p>
5620 SAM 5.0 R2 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces.</p> <p>(Feature Enhancement) PIM Three-Way-Hello. 5620 SAM does not support PIM Three-Way-Hello.</p> <p>(Feature Enhancement) CPM-Queue Statistics. 5620 SAM does not support CPM-Queue Statistics.</p> <p>(Feature Enhancement) BERT on Channelized MDAs. 5620 SAM does not display information about BERT on channelized MDAs.</p> <p>(Feature Enhancement) BGP-4 Outbound Route Filtering. 5620 SAM does not support Outbound Route Filtering for BGP.</p> <p>(PTS 495339) Support for Additional OSPF Timer Options. New OSPF timers - lsa-</p>

5620 SAM Release	Compatibility Statement (7750 SR 3.0 R19 through R20)
	<p>arrival, lsa-general and spf-max-wait - cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.</p>
5620 SAM 5.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p> <p>(Feature Enhancement) IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces.</p> <p>(Feature Enhancement) PIM Three-Way-Hello. 5620 SAM does not support PIM Three-Way-Hello.</p> <p>(Feature Enhancement) CPM-Queue Statistics. 5620 SAM does not support CPM-Queue Statistics.</p> <p>(Feature Enhancement) BERT on Channelized MDAs. 5620 SAM does not display information about BERT on channelized MDAs.</p> <p>(Feature Enhancement) BGP-4 Outbound Route Filtering. 5620 SAM does not support Outbound Route Filtering for BGP.</p> <p>(PTS 495339) Support for Additional OSPF Timer Options. New OSPF timers - lsa-arrival, lsa-general and spf-max-wait - cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.</p>
5620 SAM 4.0 R1 through R12	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p> <p>(Feature Enhancement) IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces.</p> <p>(Feature Enhancement) PIM Three-Way-Hello. 5620 SAM does not support PIM Three-Way-Hello.</p> <p>(Feature Enhancement) CPM-Queue Statistics. 5620 SAM does not support CPM-Queue Statistics.</p> <p>(Feature Enhancement) BERT on Channelized MDAs. 5620 SAM does not display information about BERT on channelized MDAs.</p> <p>(Feature Enhancement) BGP-4 Outbound Route Filtering. 5620 SAM does not support Outbound Route Filtering for BGP.</p> <p>(PTS 495339) Support for Additional OSPF Timer Options. New OSPF timers - lsa-arrival, lsa-general and spf-max-wait - cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.</p>

5620 SAM Release	Compatibility Statement (7750 SR 3.0 R19 through R20)
5620 SAM 3.0 R5 through R10	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p> <p>(Feature Enhancement) IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces.</p> <p>(Feature Enhancement) PIM Three-Way-Hello. 5620 SAM does not support PIM Three-Way-Hello.</p> <p>(PTS 504594) Accounting Policies. Accounting policies must be shut down before deletion.</p> <p>(Feature Enhancement) CPM-Queue Statistics. 5620 SAM does not support CPM-Queue Statistics.</p> <p>(Feature Enhancement) BERT on Channelized MDAs. 5620 SAM does not display information about BERT on channelized MDAs.</p> <p>(Feature Enhancement) BGP-4 Outbound Route Filtering. 5620 SAM does not support Outbound Route Filtering for BGP.</p> <p>(PTS 495339) Support for Additional OSPF Timer Options. New OSPF timers - lsa-arrival, lsa-general and spf-max-wait - cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.</p>
5620 SAM 3.0 R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p> <p>(Feature Enhancement) IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces.</p> <p>(Feature Enhancement) PIM Three-Way-Hello. 5620 SAM does not support PIM Three-Way-Hello.</p> <p>(PTS 504594) Accounting Policies. Accounting policies must be shut down before deletion.</p> <p>(Feature Enhancement) CPM-Queue Statistics. SAM does not support CPM-Queue Statistics.</p> <p>(Feature Enhancement) Configuration of Automatic Protection Switching. 5620 SAM does not support the configuration of APS parameters.</p> <p>(Feature Enhancement) BERT on Channelized MDAs. 5620 SAM does not display information about BERT on channelized MDAs.</p> <p>(Feature Enhancement) BGP-4 Outbound Route Filtering. 5620 SAM does not support Outbound Route Filtering for BGP.</p> <p>(PTS 495339) Support for Additional OSPF Timer Options. New OSPF timers - lsa-</p>

5620 SAM Release	Compatibility Statement (7750 SR 3.0 R19 through R20)
	<p>arrival, lsa-general and spf-max-wait - cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.</p> <p>(PTS 493260) MPLS LSP Re-signal Timer. 5620 SAM should not support the value range [1-29] for MPLS re-signal timer. The valid range for this field is [0, 30...10080].</p>
5620 SAM 3.0 R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p> <p>(Feature Enhancement) IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces.</p> <p>(Feature Enhancement) PIM Three-Way-Hello. 5620 SAM does not support PIM Three-Way-Hello.</p> <p>(PTS 504594) Accounting Policies. Accounting policies must be shut down before deletion.</p> <p>(Feature Enhancement) CPM-Queue Statistics. 5620 SAM does not support CPM-Queue Statistics.</p> <p>(Feature Enhancement) Configuration of Automatic Protection Switching. 5620 SAM does not support the configuration of APS parameters.</p> <p>(Feature Enhancement) BERT on Channelized MDAs. 5620 SAM does not display information about BERT on channelized MDAs.</p> <p>(Feature Enhancement) BGP-4 Outbound Route Filtering. 5620 SAM does not support Outbound Route Filtering for BGP.</p> <p>(PTS 495339) Support for Additional OSPF Timers. New OSPF timers - lsa-arrival and lsa-general and spf-max-wait - cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.</p> <p>(PTS 493285) OSPF Timer Enhancements. Limited support has been added for the new OSPF routing instance spf-wait command: spf-max-wait is not supported, spf-initial-wait is equivalent to spacing and spf-second-wait is equivalent to holdtime. For spf-second-wait and spf-initial-wait, 5620 SAM will only allow the user to configure a value between [0 .. 60000] - the valid range on the router is [1..100000]. Attempting to configure a value outside the 5620 SAM accepted range will prevent the user from altering other parameters of the OSPF routing instance.</p> <p>(PTS 493260) MPLS LSP Re-Signal Timer. 5620 SAM should not support the values range [1-29] for MPLS re-signal timer. The valid range for this field is [0, 30..10080].</p>

5620 SAM Release	Compatibility Statement (7750 SR 3.0 R19 through R20)
5620 SAM 3.0 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p> <p>(Feature Enhancement) IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces.</p> <p>(Feature Enhancement) PIM Three-Way-Hello. 5620 SAM does not support PIM Three-Way-Hello.</p> <p>(PTS 504594) Accounting Policies. Accounting policies must be shut down before deletion.</p> <p>(Feature Enhancement) CPM-Queue Statistics. 5620 SAM does not support CPM-Queue Statistics.</p> <p>(Feature Enhancement) Configuration of Automatic Protection Switching. 5620 SAM does not support the configuration or APS parameters.</p> <p>(Feature Enhancement) BERT on Channelized MDAs. 5620 SAM does not support BERT on channelized MDAs.</p> <p>(Feature Enhancement) LAG on Access Q-in-Q Encapsulation. 5620 SAM does not support the LAG on Access Q-in-Q feature.</p> <p>(Feature Enhancement) BGP-4 Outbound Route Filtering. 5620 SAM does not support Outbound Route Filtering for BGP.</p> <p>(PTS 495339) Support for Additional OSPF Timers. New OSPF timers - lsa-arrival and lsa-general and spf-max-wait - cannot be configured via 5620 SAM.</p> <p>(PTS 493285) OSPF Timer Enhancements. Limited support has been added within 5620 SAM for the new OSPF routing instance spf-wait command: spf-max-wait is not supported, spf-initial-wait is equivalent to spacing and spf-second-wait is equivalent to holdtime. For spf-second-wait and spf-initial-wait, 5620 SAM will only allow the user to configure a value between [0 .. 60000] - the valid range on the router is [1..100000]. Attempting to configure a value outside the 5620 SAM accepted range will prevent the user from altering other parameters of the OSPF routing instance.</p> <p>(PTS 489277) Graceful Restart Behavior Change. BGP cannot be enabled on VPRN.</p>

Table 71: 7750 SR 3.0 R15 through R18

5620 SAM Release	Compatibility Statement (7750 SR 3.0 R15 through R18)
5620 SAM 6.0 R1 and above	<p>Network element <u>not</u> supported.</p> <p>5620 SAM does not support management of this router version.</p>
5620 SAM 5.0 R2 through R11	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces.</p> <p>(Feature Enhancement) PIM Three-Way-Hello. 5620 SAM does not support PIM Three-Way-Hello.</p> <p>(Feature Enhancement) CPM-Queue Statistics. 5620 SAM does not support CPM-Queue Statistics.</p> <p>(Feature Enhancement) BERT on Channelized MDAs. 5620 SAM does not display information about BERT on channelized MDAs.</p> <p>(Feature Enhancement) BGP-4 Outbound Route Filtering. 5620 SAM does not support Outbound Route Filtering for BGP.</p> <p>(PTS 495339) Support for Additional OSPF Timer Options. New OSPF timers - lsa-arrival, lsa-general and spf-max-wait - cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.</p>
5620 SAM 5.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p> <p>(Feature Enhancement) IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces.</p> <p>(Feature Enhancement) PIM Three-Way-Hello. 5620 SAM does not support PIM Three-Way-Hello.</p> <p>(Feature Enhancement) CPM-Queue Statistics. 5620 SAM does not support CPM-Queue Statistics.</p> <p>(Feature Enhancement) BERT on Channelized MDAs. 5620 SAM does not display information about BERT on channelized MDAs.</p> <p>(Feature Enhancement) BGP-4 Outbound Route Filtering. 5620 SAM does not support Outbound Route Filtering for BGP.</p> <p>(PTS 495339) Support for Additional OSPF Timer Options. New OSPF timers - lsa-arrival, lsa-general and spf-max-wait - cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.</p>

5620 SAM Release	Compatibility Statement (7750 SR 3.0 R15 through R18)
5620 SAM 4.0 R1 through R12	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p> <p>(Feature Enhancement) IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces.</p> <p>(Feature Enhancement) PIM Three-Way-Hello. 5620 SAM does not support PIM Three-Way-Hello.</p> <p>(Feature Enhancement) CPM-Queue Statistics. 5620 SAM does not support CPM-Queue Statistics.</p> <p>(Feature Enhancement) BERT on Channelized MDAs. 5620 SAM does not display information about BERT on channelized MDAs.</p> <p>(Feature Enhancement) BGP-4 Outbound Route Filtering. 5620 SAM does not support Outbound Route Filtering for BGP.</p> <p>(PTS 495339) Support for Additional OSPF Timer Options. New OSPF timers - lsa-arrival, lsa-general and spf-max-wait - cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.</p>
5620 SAM 3.0 R5 through R10	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p> <p>(Feature Enhancement) IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces.</p> <p>(Feature Enhancement) PIM Three-Way-Hello. 5620 SAM does not support PIM Three-Way-Hello.</p> <p>(PTS 504594) Accounting Policies. Accounting policies must be shut down before deletion.</p> <p>(Feature Enhancement) CPM-Queue Statistics. 5620 SAM does not support CPM-Queue Statistics.</p> <p>(Feature Enhancement) BERT on Channelized MDAs. 5620 SAM does not display information about BERT on channelized MDAs.</p> <p>(Feature Enhancement) BGP-4 Outbound Route Filtering. 5620 SAM does not support Outbound Route Filtering for BGP.</p> <p>(PTS 495339) Support for Additional OSPF Timer Options. New OSPF timers - lsa-arrival, lsa-general and spf-max-wait - cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.</p>

5620 SAM Release	Compatibility Statement (7750 SR 3.0 R15 through R18)
5620 SAM 3.0 R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p> <p>(Feature Enhancement) IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces.</p> <p>(Feature Enhancement) PIM Three-Way-Hello. 5620 SAM does not support PIM Three-Way-Hello.</p> <p>(PTS 504594) Accounting Policies. Accounting policies must be shut down before deletion.</p> <p>(Feature Enhancement) CPM-Queue Statistics. SAM does not support CPM-Queue Statistics.</p> <p>(Feature Enhancement) Configuration of Automatic Protection Switching. 5620 SAM does not support the configuration of APS parameters.</p> <p>(Feature Enhancement) BERT on Channelized MDAs. 5620 SAM does not display information about BERT on channelized MDAs.</p> <p>(Feature Enhancement) BGP-4 Outbound Route Filtering. 5620 SAM does not support Outbound Route Filtering for BGP.</p> <p>(PTS 495339) Support for Additional OSPF Timer Options. New OSPF timers - lsa-arrival, lsa-general and spf-max-wait - cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.</p> <p>(PTS 493260) MPLS LSP Re-signal Timer. 5620 SAM should not support the value range [1-29] for MPLS re-signal timer. The valid range for this field is [0, 30...10080].</p>
5620 SAM 3.0 R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p> <p>(Feature Enhancement) IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces.</p> <p>(Feature Enhancement) PIM Three-Way-Hello. 5620 SAM does not support PIM Three-Way-Hello.</p> <p>(PTS 504594) Accounting Policies. Accounting policies must be shut down before deletion.</p> <p>(Feature Enhancement) CPM-Queue Statistics. 5620 SAM does not support CPM-Queue Statistics.</p> <p>(Feature Enhancement) Configuration of Automatic Protection Switching. 5620 SAM does not support the configuration of APS parameters.</p> <p>(Feature Enhancement) BERT on Channelized MDAs. 5620 SAM does not display</p>

5620 SAM Release	Compatibility Statement (7750 SR 3.0 R15 through R18)
	<p>information about BERT on channelized MDAs.</p> <p>(Feature Enhancement) BGP-4 Outbound Route Filtering. 5620 SAM does not support Outbound Route Filtering for BGP.</p> <p>(PTS 495339) Support for Additional OSPF Timers. New OSPF timers - lsa-arrival and lsa-general and spf-max-wait - cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.</p> <p>(PTS 493285) OSPF Timer Enhancements. Limited support has been added for the new OSPF routing instance spf-wait command: spf-max-wait is not supported, spf-initial-wait is equivalent to spacing and spf-second-wait is equivalent to holdtime. For spf-second-wait and spf-initial-wait, 5620 SAM will only allow the user to configure a value between [0 .. 60000] - the valid range on the router is [1..100000]. Attempting to configure a value outside the 5620 SAM accepted range will prevent the user from altering other parameters of the OSPF routing instance.</p> <p>(PTS 493260) MPLS LSP Re-Signal Timer. 5620 SAM should not support the values range [1-29] for MPLS re-signal timer. The valid range for this field is [0, 30..10080].</p>
5620 SAM 3.0 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p> <p>(Feature Enhancement) IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces.</p> <p>(Feature Enhancement) PIM Three-Way-Hello. 5620 SAM does not support PIM Three-Way-Hello.</p> <p>(PTS 504594) Accounting Policies. Accounting policies must be shut down before deletion.</p> <p>(Feature Enhancement) CPM-Queue Statistics. 5620 SAM does not support CPM-Queue Statistics.</p> <p>(Feature Enhancement) Configuration of Automatic Protection Switching. 5620 SAM does not support the configuration or APS parameters.</p> <p>(Feature Enhancement) BERT on Channelized MDAs. 5620 SAM does not support BERT on channelized MDAs.</p> <p>(Feature Enhancement) LAG on Access Q-in-Q Encapsulation. 5620 SAM does not support the LAG on Access Q-in-Q feature.</p> <p>(Feature Enhancement) BGP-4 Outbound Route Filtering. 5620 SAM does not support Outbound Route Filtering for BGP.</p> <p>(PTS 495339) Support for Additional OSPF Timers. New OSPF timers - lsa-arrival and lsa-general and spf-max-wait - cannot be configured via 5620 SAM.</p> <p>(PTS 493285) OSPF Timer Enhancements. Limited support has been added within 5620 SAM for the new OSPF routing instance spf-wait command: spf-max-wait is not supported, spf-initial-wait is equivalent to spacing and spf-second-wait is equivalent</p>

5620 SAM Release	Compatibility Statement (7750 SR 3.0 R15 through R18)
	<p>to holdtime. For spf-second-wait and spf-initial-wait, 5620 SAM will only allow the user to configure a value between [0 .. 60000] - the valid range on the router is [1..100000]. Attempting to configure a value outside the 5620 SAM accepted range will prevent the user from altering other parameters of the OSPF routing instance.</p> <p>(PTS 489277) Graceful Restart Behavior Change. BGP cannot be enabled on VPRN.</p>

Table 72: 7750 SR 3.0 R12 through R14

5620 SAM Release	Compatibility Statement (7750 SR 3.0 R12 through R14)
5620 SAM 6.0 R1 and above	<p>Network element <u>not</u> supported.</p> <p>5620 SAM does not support management of this router version.</p>
5620 SAM 5.0 R1 through R11	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces.</p> <p>(Feature Enhancement) PIM Three-Way-Hello. 5620 SAM does not support PIM Three-Way-Hello.</p> <p>(Feature Enhancement) CPM-Queue Statistics. 5620 SAM does not support CPM-Queue Statistics.</p> <p>(Feature Enhancement) BERT on Channelized MDAs. 5620 SAM does not display information about BERT on channelized MDAs.</p> <p>(Feature Enhancement) BGP-4 Outbound Route Filtering. 5620 SAM does not support Outbound Route Filtering for BGP.</p> <p>(PTS 495339) Support for Additional OSPF Timer Options. New OSPF timers - lsa-arrival, lsa-general and spf-max-wait - cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.</p>
5620 SAM 4.0 R1 through R12	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces.</p> <p>(Feature Enhancement) PIM Three-Way-Hello. 5620 SAM does not support PIM Three-Way-Hello.</p> <p>(Feature Enhancement) CPM-Queue Statistics. 5620 SAM does not support CPM-Queue Statistics.</p> <p>(Feature Enhancement) BERT on Channelized MDAs. 5620 SAM does not display information about BERT on channelized MDAs.</p> <p>(Feature Enhancement) BGP-4 Outbound Route Filtering. 5620 SAM does not support Outbound Route Filtering for BGP.</p> <p>(PTS 495339) Support for Additional OSPF Timer Options. New OSPF timers - lsa-arrival, lsa-general and spf-max-wait - cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.</p>

5620 SAM Release	Compatibility Statement (7750 SR 3.0 R12 through R14)
5620 SAM 3.0 R5 through R10	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces.</p> <p>(Feature Enhancement) PIM Three-Way-Hello. 5620 SAM does not support PIM Three-Way-Hello.</p> <p>(PTS 504594) Accounting Policies. Accounting policies must be shut down before deletion.</p> <p>(Feature Enhancement) CPM-Queue Statistics. 5620 SAM does not support CPM-Queue Statistics.</p> <p>(Feature Enhancement) BERT on Channelized MDAs. 5620 SAM does not display information about BERT on channelized MDAs.</p> <p>(Feature Enhancement) BGP-4 Outbound Route Filtering. 5620 SAM does not support Outbound Route Filtering for BGP.</p> <p>(PTS 495339) Support for Additional OSPF Timer Options. New OSPF timers - lsa-arrival, lsa-general and spf-max-wait - cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.</p>
5620 SAM 3.0 R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces.</p> <p>(Feature Enhancement) PIM Three-Way-Hello. 5620 SAM does not support PIM Three-Way-Hello.</p> <p>(PTS 504594) Accounting Policies. Accounting policies must be shut down before deletion.</p> <p>(Feature Enhancement) CPM-Queue Statistics. SAM does not support CPM-Queue Statistics.</p> <p>(Feature Enhancement) Configuration of Automatic Protection Switching. 5620 SAM does not support the configuration of APS parameters.</p> <p>(Feature Enhancement) BERT on Channelized MDAs. 5620 SAM does not display information about BERT on channelized MDAs.</p> <p>(Feature Enhancement) BGP-4 Outbound Route Filtering. 5620 SAM does not support Outbound Route Filtering for BGP.</p> <p>(PTS 495339) Support for Additional OSPF Timer Options. New OSPF timers - lsa-arrival, lsa-general and spf-max-wait - cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.</p> <p>(PTS 493260) MPLS LSP Re-signal Timer. 5620 SAM should not support the value range [1-29] for MPLS re-signal timer. The valid range for this field is [0, 30...10080].</p>

5620 SAM Release	Compatibility Statement (7750 SR 3.0 R12 through R14)
5620 SAM 3.0 R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces.</p> <p>(Feature Enhancement) PIM Three-Way-Hello. 5620 SAM does not support PIM Three-Way-Hello.</p> <p>(PTS 504594) Accounting Policies. Accounting policies must be shut down before deletion.</p> <p>(Feature Enhancement) CPM-Queue Statistics. 5620 SAM does not support CPM-Queue Statistics.</p> <p>(Feature Enhancement) Configuration of Automatic Protection Switching. 5620 SAM does not support the configuration of APS parameters.</p> <p>(Feature Enhancement) BERT on Channelized MDAs. 5620 SAM does not display information about BERT on channelized MDAs.</p> <p>(Feature Enhancement) BGP-4 Outbound Route Filtering. 5620 SAM does not support Outbound Route Filtering for BGP.</p> <p>(PTS 495339) Support for Additional OSPF Timers. New OSPF timers - lsa-arrival and lsa-general and spf-max-wait - cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.</p> <p>(PTS 493285) OSPF Timer Enhancements. Limited support has been added for the new OSPF routing instance spf-wait command: spf-max-wait is not supported, spf-initial-wait is equivalent to spacing and spf-second-wait is equivalent to holdtime. For spf-second-wait and spf-initial-wait, 5620 SAM will only allow the user to configure a value between [0 .. 60000] - the valid range on the router is [1..100000]. Attempting to configure a value outside the 5620 SAM accepted range will prevent the user from altering other parameters of the OSPF routing instance.</p> <p>(PTS 493260) MPLS LSP Re-Signal Timer. 5620 SAM should not support the values range [1-29] for MPLS re-signal timer. The valid range for this field is [0, 30..10080].</p>
5620 SAM 3.0 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces.</p> <p>(Feature Enhancement) PIM Three-Way-Hello. 5620 SAM does not support PIM Three-Way-Hello.</p> <p>(PTS 504594) Accounting Policies. Accounting policies must be shut down before deletion.</p> <p>(Feature Enhancement) CPM-Queue Statistics. 5620 SAM does not support CPM-Queue Statistics.</p> <p>(Feature Enhancement) Configuration of Automatic Protection Switching. 5620 SAM does not support the configuration or APS parameters.</p>

5620 SAM Release	Compatibility Statement (7750 SR 3.0 R12 through R14)
	<p>(Feature Enhancement) BERT on Channelized MDAs. 5620 SAM does not support BERT on channelized MDAs.</p> <p>(Feature Enhancement) LAG on Access Q-in-Q Encapsulation. 5620 SAM does not support the LAG on Access Q-in-Q feature.</p> <p>(Feature Enhancement) BGP-4 Outbound Route Filtering. 5620 SAM does not support Outbound Route Filtering for BGP.</p> <p>(PTS 495339) Support for Additional OSPF Timers. New OSPF timers - lsa-arrival and lsa-general and spf-max-wait - cannot be configured via 5620 SAM.</p> <p>(PTS 493285) OSPF Timer Enhancements. Limited support has been added within 5620 SAM for the new OSPF routing instance spf-wait command: spf-max-wait is not supported, spf-initial-wait is equivalent to spacing and spf-second-wait is equivalent to holdtime. For spf-second-wait and spf-initial-wait, 5620 SAM will only allow the user to configure a value between [0 .. 60000] - the valid range on the router is [1..100000]. Attempting to configure a value outside the 5620 SAM accepted range will prevent the user from altering other parameters of the OSPF routing instance.</p> <p>(PTS 489277) Graceful Restart Behavior Change. BGP cannot be enabled on VPRN.</p>

Table 73: 7750 SR 3.0 R11

5620 SAM Release	Compatibility Statement (7750 SR 3.0 R11)
5620 SAM 6.0 R1 and above	<p>Network element <u>not</u> supported.</p> <p>5620 SAM does not support management of this router version.</p>
5620 SAM 5.0 R1 through R11	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) CPM-Queue Statistics. 5620 SAM does not support CPM-Queue Statistics.</p> <p>(Feature Enhancement) BERT on Channelized MDAs. 5620 SAM does not display information about BERT on channelized MDAs.</p> <p>(Feature Enhancement) BGP-4 Outbound Route Filtering. 5620 SAM does not support Outbound Route Filtering for BGP.</p> <p>(PTS 495339) Support for Additional OSPF Timer Options. New OSPF timers - lsa-arrival, lsa-general and spf-max-wait - cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.</p>
5620 SAM 4.0 R1 through R12	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) CPM-Queue Statistics. 5620 SAM does not support CPM-Queue Statistics.</p> <p>(Feature Enhancement) BERT on Channelized MDAs. 5620 SAM does not display information about BERT on channelized MDAs.</p> <p>(Feature Enhancement) BGP-4 Outbound Route Filtering. 5620 SAM does not support Outbound Route Filtering for BGP.</p> <p>(PTS 495339) Support for Additional OSPF Timer Options. New OSPF timers - lsa-arrival, lsa-general and spf-max-wait - cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.</p>
5620 SAM 3.0 R5 through R10	<p>Network element supported with the following limitations:</p> <p>(PTS 504594) Accounting Policies. Accounting policies must be shut down before deletion.</p> <p>(Feature Enhancement) CPM-Queue Statistics. 5620 SAM does not support CPM-Queue Statistics.</p> <p>(Feature Enhancement) BERT on Channelized MDAs. 5620 SAM does not display information about BERT on channelized MDAs.</p> <p>(Feature Enhancement) BGP-4 Outbound Route Filtering. 5620 SAM does not support Outbound Route Filtering for BGP.</p> <p>(PTS 495339) Support for Additional OSPF Timer Options. New OSPF timers - lsa-</p>

5620 SAM Release	Compatibility Statement (7750 SR 3.0 R11)
	arrival, lsa-general and spf-max-wait - cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.
5620 SAM 3.0 R4	<p>Network element supported with the following limitations:</p> <p>(PTS 504594) Accounting Policies. Accounting policies must be shut down before deletion.</p> <p>(Feature Enhancement) CPM-Queue Statistics. SAM does not support CPM-Queue Statistics.</p> <p>(Feature Enhancement) Configuration of Automatic Protection Switching. 5620 SAM does not support the configuration of APS parameters.</p> <p>(Feature Enhancement) BERT on Channelized MDAs. 5620 SAM does not display information about BERT on channelized MDAs.</p> <p>(Feature Enhancement) BGP-4 Outbound Route Filtering. 5620 SAM does not support Outbound Route Filtering for BGP.</p> <p>(PTS 495339) Support for Additional OSPF Timer Options. New OSPF timers - lsa-arrival, lsa-general and spf-max-wait - cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.</p> <p>(PTS 493260) MPLS LSP Re-signal Timer. 5620 SAM should not support the value range [1-29] for MPLS re-signal timer. The valid range for this field is [0, 30...10080].</p>
5620 SAM 3.0 R3	<p>Network element supported with the following limitations:</p> <p>(PTS 504594) Accounting Policies. Accounting policies must be shut down before deletion.</p> <p>(Feature Enhancement) CPM-Queue Statistics. 5620 SAM does not support CPM-Queue Statistics.</p> <p>(Feature Enhancement) Configuration of Automatic Protection Switching. 5620 SAM does not support the configuration of APS parameters.</p> <p>(Feature Enhancement) BERT on Channelized MDAs. 5620 SAM does not display information about BERT on channelized MDAs.</p> <p>(Feature Enhancement) BGP-4 Outbound Route Filtering. 5620 SAM does not support Outbound Route Filtering for BGP.</p> <p>(PTS 495339) Support for Additional OSPF Timers. New OSPF timers - lsa-arrival and lsa-general and spf-max-wait - cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.</p> <p>(PTS 493285) OSPF Timer Enhancements. Limited support has been added for the new OSPF routing instance spf-wait command: spf-max-wait is not supported, spf-initial-wait is equivalent to spacing and spf-second-wait is equivalent to holdtime. For spf-second-wait and spf-initial-wait, 5620 SAM will only allow the user to configure a value between [0 .. 60000] - the valid range on the router is [1..100000].</p>

5620 SAM Release	Compatibility Statement (7750 SR 3.0 R11)
	<p>Attempting to configure a value outside the 5620 SAM accepted range will prevent the user from altering other parameters of the OSPF routing instance.</p> <p>(PTS 493260) MPLS LSP Re-Signal Timer. 5620 SAM should not support the values range [1-29] for MPLS re-signal timer. The valid range for this field is [0, 30..10080].</p>
5620 SAM 3.0 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(PTS 504594) Accounting Policies. Accounting policies must be shut down before deletion.</p> <p>(Feature Enhancement) CPM-Queue Statistics. 5620 SAM does not support CPM-Queue Statistics.</p> <p>(Feature Enhancement) Configuration of Automatic Protection Switching. 5620 SAM does not support the configuration or APS parameters.</p> <p>(Feature Enhancement) BERT on Channelized MDAs. 5620 SAM does not support BERT on channelized MDAs.</p> <p>(Feature Enhancement) LAG on Access Q-in-Q Encapsulation. 5620 SAM does not support the LAG on Access Q-in-Q feature.</p> <p>(Feature Enhancement) BGP-4 Outbound Route Filtering. 5620 SAM does not support Outbound Route Filtering for BGP.</p> <p>(PTS 495339) Support for Additional OSPF Timers. New OSPF timers - lsa-arrival and lsa-general and spf-max-wait - cannot be configured via 5620 SAM.</p> <p>(PTS 493285) OSPF Timer Enhancements. Limited support has been added within 5620 SAM for the new OSPF routing instance spf-wait command: spf-max-wait is not supported, spf-initial-wait is equivalent to spacing and spf-second-wait is equivalent to holdtime. For spf-second-wait and spf-initial-wait, 5620 SAM will only allow the user to configure a value between [0 .. 60000] - the valid range on the router is [1..100000]. Attempting to configure a value outside the 5620 SAM accepted range will prevent the user from altering other parameters of the OSPF routing instance.</p> <p>(PTS 489277) Graceful Restart Behavior Change. BGP cannot be enabled on VPRN.</p>

Table 74: 7750 SR 3.0 R7 through R10

5620 SAM Release	Compatibility Statement (7750 SR 3.0 R7 through R10)
5620 SAM 6.0 R1 and above	<p>Network element <u>not</u> supported.</p> <p>5620 SAM does not support management of this router version.</p>
5620 SAM 5.0 R1 through R11	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) CPM-Queue Statistics. 5620 SAM does not support CPM-Queue Statistics.</p> <p>(Feature Enhancement) BERT on Channelized MDAs. 5620 SAM does not display information about BERT on channelized MDAs.</p> <p>(Feature Enhancement) BGP-4 Outbound Route Filtering. 5620 SAM does not support Outbound Route Filtering for BGP.</p> <p>(PTS 495339) Support for Additional OSPF Timer Options. New OSPF timers - lsa-arrival, lsa-general and spf-max-wait - cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.</p>
5620 SAM 4.0 R1 through R12	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) CPM-Queue Statistics. 5620 SAM does not support CPM-Queue Statistics.</p> <p>(Feature Enhancement) BERT on Channelized MDAs. 5620 SAM does not display information about BERT on channelized MDAs.</p> <p>(Feature Enhancement) BGP-4 Outbound Route Filtering. 5620 SAM does not support Outbound Route Filtering for BGP.</p> <p>(PTS 495339) Support for Additional OSPF Timer Options. New OSPF timers - lsa-arrival, lsa-general and spf-max-wait - cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.</p>
5620 SAM 3.0 R5 through R10	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) CPM-Queue Statistics. 5620 SAM does not support CPM-Queue Statistics.</p> <p>(Feature Enhancement) BERT on Channelized MDAs. 5620 SAM does not display information about BERT on channelized MDAs.</p> <p>(Feature Enhancement) BGP-4 Outbound Route Filtering. 5620 SAM does not support Outbound Route Filtering for BGP.</p> <p>(PTS 495339) Support for Additional OSPF Timer Options. New OSPF timers - lsa-arrival, lsa-general and spf-max-wait - cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000</p>

5620 SAM Release	Compatibility Statement (7750 SR 3.0 R7 through R10)
	for spf-second-wait and spf-initial-wait.
5620 SAM 3.0 R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) CPM-Queue Statistics. 5620 SAM does not support CPM-Queue Statistics.</p> <p>(Feature Enhancement) Configuration of Automatic Protection Switching. 5620 SAM does not support the configuration of APS parameters.</p> <p>(Feature Enhancement) BERT on Channelized MDAs. 5620 SAM does not display information about BERT on channelized MDAs.</p> <p>(Feature Enhancement) BGP-4 Outbound Route Filtering. 5620 SAM does not support Outbound Route Filtering for BGP.</p> <p>(PTS 495339) Support for Additional OSPF Timer Options. New OSPF timers - lsa-arrival, lsa-general and spf-max-wait - cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.</p> <p>(PTS 493260) MPLS LSP Re-signal Timer. 5620 SAM should not support the value range [1-29] for MPLS re-signal timer. The valid range for this field is [0, 30...10080].</p>
5620 SAM 3.0 R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) CPM-Queue Statistics. 5620 SAM does not support CPM-Queue Statistics.</p> <p>(Feature Enhancement) Configuration of Automatic Protection Switching. 5620 SAM does not support the configuration of APS parameters.</p> <p>(Feature Enhancement) BERT on Channelized MDAs. 5620 SAM does not display information about BERT on channelized MDAs.</p> <p>(Feature Enhancement) BGP-4 Outbound Route Filtering. 5620 SAM does not support Outbound Route Filtering for BGP.</p> <p>(PTS 495339) Support for Additional OSPF Timers. New OSPF timers - lsa-arrival and lsa-general and spf-max-wait - cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.</p> <p>(PTS 493285) OSPF Timer Enhancements. Limited support has been added for the new OSPF routing instance spf-wait command: spf-max-wait is not supported, spf-initial-wait is equivalent to spacing and spf-second-wait is equivalent to holdtime. For spf-second-wait and spf-initial-wait, 5620 SAM will only allow the user to configure a value between [0 .. 60000] - the valid range on the router is [1..100000]. Attempting to configure a value outside the 5620 SAM accepted range will prevent the user from altering other parameters of the OSPF routing instance.</p> <p>(PTS 493260) MPLS LSP Re-Signal Timer. 5620 SAM should not support the values range [1-29] for MPLS re-signal timer. The valid range for this field is [0, 30..10080].</p>

5620 SAM Release	Compatibility Statement (7750 SR 3.0 R7 through R10)
5620 SAM 3.0 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) CPM-Queue Statistics. 5620 SAM does not support CPM-Queue Statistics.</p> <p>(Feature Enhancement) Configuration of Automatic Protection Switching. 5620 SAM does not support the configuration or APS parameters.</p> <p>(Feature Enhancement) BERT on Channelized MDAs. 5620 SAM does not support BERT on channelized MDAs.</p> <p>(Feature Enhancement) LAG on Access Q-in-Q Encapsulation. 5620 SAM does not support the LAG on Access Q-in-Q feature.</p> <p>(Feature Enhancement) BGP-4 Outbound Route Filtering. 5620 SAM does not support Outbound Route Filtering for BGP.</p> <p>(PTS 495339) Support for Additional OSPF Timers. New OSPF timers - lsa-arrival and lsa-general and spf-max-wait - cannot be configured via 5620 SAM.</p> <p>(PTS 493285) OSPF Timer Enhancements. Limited support has been added within 5620 SAM for the new OSPF routing instance spf-wait command: spf-max-wait is not supported, spf-initial-wait is equivalent to spacing and spf-second-wait is equivalent to holdtime. For spf-second-wait and spf-initial-wait, 5620 SAM will only allow the user to configure a value between [0 .. 60000] - the valid range on the router is [1..100000]. Attempting to configure a value outside the 5620 SAM accepted range will prevent the user from altering other parameters of the OSPF routing instance.</p> <p>(PTS 489277) Graceful Restart Behavior Change. BGP cannot be enabled on VPRN.</p>

Table 75: 7750 SR 3.0 R5 through R6

5620 SAM Release	Compatibility Statement (7750 SR 3.0 R5 through R6)
5620 SAM 6.0 R1 and above	<p>Network element <u>not</u> supported.</p> <p>5620 SAM does not support management of this router version.</p>
5620 SAM 5.0 R1 through R11	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) BERT on Channelized MDAs. 5620 SAM does not display information about BERT on channelized MDAs.</p> <p>(Feature Enhancement) BGP-4 Outbound Route Filtering. 5620 SAM does not support Outbound Route Filtering for BGP.</p> <p>(PTS 495339) Support for Additional OSPF Timer Options. New OSPF timers - lsa-arrival, lsa-general and spf-max-wait - cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.</p>
5620 SAM 4.0 R1 through R12	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) BERT on Channelized MDAs. 5620 SAM does not display information about BERT on channelized MDAs.</p> <p>(Feature Enhancement) BGP-4 Outbound Route Filtering. 5620 SAM does not support Outbound Route Filtering for BGP.</p> <p>(PTS 495339) Support for Additional OSPF Timer Options. New OSPF timers - lsa-arrival, lsa-general and spf-max-wait - cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.</p>
5620 SAM 3.0 R5 through R10	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) BERT on Channelized MDAs. 5620 SAM does not display information about BERT on channelized MDAs.</p> <p>(Feature Enhancement) BGP-4 Outbound Route Filtering. 5620 SAM does not support Outbound Route Filtering for BGP.</p> <p>(PTS 495339) Support for Additional OSPF Timer Options. New OSPF timers - lsa-arrival, lsa-general and spf-max-wait - cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.</p>
5620 SAM 3.0 R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Configuration of Automatic Protection Switching. 5620 SAM does not support the configuration of APS parameters.</p> <p>(Feature Enhancement) BERT on Channelized MDAs. 5620 SAM does not display information about BERT on channelized MDAs.</p>

5620 SAM Release	Compatibility Statement (7750 SR 3.0 R5 through R6)
	<p>(Feature Enhancement) BGP-4 Outbound Route Filtering. 5620 SAM does not support Outbound Route Filtering for BGP.</p> <p>(PTS 495339) Support for Additional OSPF Timer Options. New OSPF timers - lsa-arrival, lsa-general and spf-max-wait - cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.</p> <p>(PTS 493260) MPLS LSP Re-signal Timer. 5620 SAM should not support the value range [1-29] for MPLS re-signal timer. The valid range for this field is [0, 30...10080].</p>
5620 SAM 3.0 R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Configuration of Automatic Protection Switching. 5620 SAM does not support the configuration of APS parameters.</p> <p>(Feature Enhancement) BERT on Channelized MDAs. 5620 SAM does not display information about BERT on channelized MDAs.</p> <p>(Feature Enhancement) BGP-4 Outbound Route Filtering. 5620 SAM does not support Outbound Route Filtering for BGP.</p> <p>(PTS 495339) Support for Additional OSPF Timers. New OSPF timers - lsa-arrival and lsa-general and spf-max-wait - cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.</p> <p>(PTS 493285) OSPF Timer Enhancements. Limited support has been added for the new OSPF routing instance spf-wait command: spf-max-wait is not supported, spf-initial-wait is equivalent to spacing and spf-second-wait is equivalent to holdtime. For spf-second-wait and spf-initial-wait, 5620 SAM will only allow the user to configure a value between [0 .. 60000] - the valid range on the router is [1..100000]. Attempting to configure a value outside the 5620 SAM accepted range will prevent the user from altering other parameters of the OSPF routing instance.</p> <p>(PTS 493260) MPLS LSP Re-Signal Timer. 5620 SAM should not support the values range [1-29] for MPLS re-signal timer. The valid range for this field is [0, 30..10080].</p>
5620 SAM 3.0 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Configuration of Automatic Protection Switching. 5620 SAM does not support the configuration or APS parameters.</p> <p>(Feature Enhancement) BERT on Channelized MDAs. 5620 SAM does not support BERT on channelized MDAs.</p> <p>(Feature Enhancement) LAG on Access Q-in-Q Encapsulation. 5620 SAM does not support the LAG on Access Q-in-Q feature.</p> <p>(Feature Enhancement) BGP-4 Outbound Route Filtering. 5620 SAM does not support Outbound Route Filtering for BGP.</p> <p>(PTS 495339) Support for Additional OSPF Timers. New OSPF timers - lsa-arrival and lsa-general and spf-max-wait - cannot be configured via 5620 SAM.</p>

5620 SAM Release	Compatibility Statement (7750 SR 3.0 R5 through R6)
	<p>(PTS 493285) OSPF Timer Enhancements. Limited support has been added within 5620 SAM for the new OSPF routing instance spf-wait command: spf-max-wait is not supported, spf-initial-wait is equivalent to spacing and spf-second-wait is equivalent to holdtime. For spf-second-wait and spf-initial-wait, 5620 SAM will only allow the user to configure a value between [0 .. 60000] - the valid range on the router is [1..100000]. Attempting to configure a value outside the 5620 SAM accepted range will prevent the user from altering other parameters of the OSPF routing instance.</p> <p>(PTS 489277) Graceful Restart Behavior Change. BGP cannot be enabled on VPRN.</p>

Table 76: 7750 SR 3.0 R3 through R4

5620 SAM Release	Compatibility Statement (7750 SR 3.0 R3 through R4)
5620 SAM 6.0 R1 and above	<p>Network element <u>not</u> supported.</p> <p>5620 SAM does not support management of this router version.</p>
5620 SAM 5.0 R1 through R11	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) BERT on Channelized MDAs. 5620 SAM does not display information about BERT on channelized MDAs.</p> <p>(Feature Enhancement) BGP-4 Outbound Route Filtering. 5620 SAM does not support Outbound Route Filtering for BGP.</p>
5620 SAM 4.0 R1 through R12	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) BERT on Channelized MDAs. 5620 SAM does not display information about BERT on channelized MDAs.</p> <p>(Feature Enhancement) BGP-4 Outbound Route Filtering. 5620 SAM does not support Outbound Route Filtering for BGP.</p>
5620 SAM 3.0 R5 through R10	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) BERT on Channelized MDAs. 5620 SAM does not display information about BERT on channelized MDAs.</p> <p>(Feature Enhancement) BGP-4 Outbound Route Filtering. 5620 SAM does not support Outbound Route Filtering for BGP.</p>
5620 SAM 3.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Configuration of Automatic Protection Switching. 5620 SAM does not support the configuration of APS parameters.</p> <p>(Feature Enhancement) BERT on Channelized MDAs. 5620 SAM does not display information about BERT on channelized MDAs.</p> <p>(Feature Enhancement) BGP-4 Outbound Route Filtering. 5620 SAM does not support Outbound Route Filtering for BGP.</p>
5620 SAM 3.0 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Configuration of Automatic Protection Switching. 5620 SAM does not support the configuration or APS parameters.</p> <p>(Feature Enhancement) BERT on Channelized MDAs. 5620 SAM does not display information about BERT on channelized MDAs.</p> <p>(Feature Enhancement) LAG on Access Q-in-Q Encapsulation. 5620 SAM does not support the LAG on Access Q-in-Q feature.</p>

5620 SAM Release	Compatibility Statement (7750 SR 3.0 R3 through R4)
	<p>(Feature Enhancement) BGP-4 Outbound Route Filtering. 5620 SAM does not support Outbound Route Filtering for BGP.</p> <p>(PTS 489277) Graceful Restart Behavior Change: BGP cannot be enabled on VPRN.</p> <p>(PTS 489144) MPLS LSP Re-signal Timer. 5620 SAM supports the range [0, 30-10080] for MPLS re-signal timer. 5620 SAM does not support the values [1-29] whereas the node supports the complete value range of [0-10080] for this attribute.</p>

Table 77: 7750 SR 3.0 R1 through R2

5620 SAM Release	Compatibility Statement (7750 SR 3.0 R1 through R2)
5620 SAM 6.0 R1 and above	<p>Network element <u>not</u> supported.</p> <p>5620 SAM does not support management of this router version.</p>
5620 SAM 5.0 R1 through R11	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) BERT on Channelized MDAs. 5620 SAM does not display information about BERT on channelized MDAs.</p> <p>(Feature Enhancement) BGP-4 Outbound Route Filtering. 5620 SAM does not support Outbound Route Filtering for BGP</p>
5620 SAM 4.0 R1 through R12	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) BERT on Channelized MDAs. 5620 SAM does not display information about BERT on channelized MDAs.</p> <p>(Feature Enhancement) BGP-4 Outbound Route Filtering. 5620 SAM does not support Outbound Route Filtering for BGP</p>
5620 SAM 3.0 R5 through R10	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) BERT on Channelized MDAs. 5620 SAM does not display information about BERT on channelized MDAs.</p> <p>(Feature Enhancement) BGP-4 Outbound Route Filtering. 5620 SAM does not support Outbound Route Filtering for BGP.</p>
5620 SAM 3.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Configuration of Automatic Protection Switching. 5620 SAM does not support the configuration or APS parameters.</p> <p>(Feature Enhancement) BERT on Channelized MDAs. 5620 SAM does not display information about BERT on channelized MDAs.</p> <p>(Feature Enhancement) BGP-4 Outbound Route Filtering. 5620 SAM does not support Outbound Route Filtering for BGP.</p>
5620 SAM 3.0 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Configuration of Automatic Protection Switching. 5620 SAM does not support the configuration or APS parameters.</p> <p>(Feature Enhancement) BERT on Channelized MDAs. 5620 SAM does not display information about BERT on channelized MDAs.</p> <p>(Feature Enhancement) BGP-4 Outbound Route Filtering. 5620 SAM does not support Outbound Route Filtering for BGP.</p>

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Table 78: 7750 SR 2.1 R16 through R18

5620 SAM Release	Compatibility Statement (7750 SR 2.1 R16 through R18)
5620 SAM 5.0 R1 and above	<p>Network element <u>not</u> supported.</p> <p>5620 SAM does not support management of this router version.</p>
5620 SAM 4.0 R1 through R12	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) BERT on Channelized MDAs. 5620 SAM does not display information about BERT on channelized MDAs.</p> <p>(Feature Enhancement) BGP-4 Outbound Route Filtering. 5620 SAM does not support Outbound Route Filtering for BGP.</p>
5620 SAM 3.0 R1 through R10	<p>Network element supported with the following limitations:</p> <p>(PTS 504594) Accounting Policies. Accounting policies must be shut down before deletion.</p> <p>(Feature Enhancement) BERT on Channelized MDAs. 5620 SAM does not display information about BERT on channelized MDAs.</p> <p>(Feature Enhancement) BGP-4 Outbound Route Filtering. 5620 SAM does not support Outbound Route Filtering for BGP.</p>
5620 SAM 2.1 R4 through R5	<p>Network element supported with the following limitations:</p> <p>(PTS 504594) Accounting Policies. Accounting policies must be shut down before deletion.</p> <p>(Feature Enhancement) BERT on Channelized MDAs. 5620 SAM does not display information about BERT on channelized MDAs.</p> <p>(Feature Enhancement) BGP-4 Outbound Route Filtering. 5620 SAM does not support Outbound Route Filtering for BGP.</p>
5620 SAM 2.1 R2 through R3	<p>Network element supported with the following limitations:</p> <p>(PTS 504594) Accounting Policies. Accounting policies must be shut down before deletion.</p> <p>(Feature Enhancement) BERT on Channelized MDAs. 5620 SAM does not display information about BERT on channelized MDAs.</p> <p>(Feature Enhancement) BGP-4 Outbound Route Filtering. 5620 SAM does not support Outbound Route Filtering for BGP.</p> <p>(PTS 472961) Multicast MAC in static-arp. 5620 SAM does not support configuration</p>

5620 SAM Release	Compatibility Statement (7750 SR 2.1 R16 through R18)
	of multicast MAC addresses for static-arp entries.
5620 SAM 2.1 R1	<p>Network element supported with the following limitations:</p> <p>(PTS 504594) Accounting Policies. Accounting policies must be shut down before deletion.</p> <p>(Feature Enhancement) Service Mirroring. 5620 SAM does not support the Service Mirroring feature.</p> <p>(Feature Enhancement) VPLS MAC Move. 5620 SAM does not support the MAC Move feature.</p> <p>(Feature Enhancement) BERT on Channelized MDAs. 5620 SAM does not display information about BERT on channelized MDAs.</p> <p>(Feature Enhancement) BGP-4 Outbound Route Filtering. 5620 SAM does not support Outbound Route Filtering for BGP.</p> <p>(PTS 472961) Multicast MAC in static-arp. 5620 SAM does not support configuration of multicast MAC addresses for static-arp entries.</p>

Table 79: 7750 SR 2.1 R5 through R15

5620 SAM Release	Compatibility Statement (7750 SR 2.1 R5 through R15)
5620 SAM 5.0 R1 and above	Network element <u>not</u> supported. 5620 SAM does not support management of this router version.
5620 SAM 4.0 R1 through R12	Network element supported with the following limitations: (Feature Enhancement) BERT on Channelized MDAs. 5620 SAM does not display information about BERT on channelized MDAs. (Feature Enhancement) BGP-4 Outbound Route Filtering. 5620 SAM does not support Outbound Route Filtering for BGP.
5620 SAM 3.0 R1 through R10	Network element supported with the following limitations: (Feature Enhancement) BERT on Channelized MDAs. 5620 SAM does not display information about BERT on channelized MDAs. (Feature Enhancement) BGP-4 Outbound Route Filtering. 5620 SAM does not support Outbound Route Filtering for BGP.
5620 SAM 2.1 R4 through R5	Network element supported with the following limitations: (Feature Enhancement) BERT on Channelized MDAs. 5620 SAM does not display information about BERT on channelized MDAs. (Feature Enhancement) BGP-4 Outbound Route Filtering. 5620 SAM does not support Outbound Route Filtering for BGP.
5620 SAM 2.1 R2 through R3	Network element supported with the following limitations: (Feature Enhancement) BERT on Channelized MDAs. 5620 SAM does not display information about BERT on channelized MDAs. (Feature Enhancement) BGP-4 Outbound Route Filtering. 5620 SAM does not support Outbound Route Filtering for BGP. (PTS 472961) Multicast MAC in static-arp. 5620 SAM does not support configuration of multicast MAC addresses for static-arp entries.
5620 SAM 2.1 R1	Network element supported with the following limitations: (Feature Enhancement) Service Mirroring. 5620 SAM does not support the Service Mirroring feature. (Feature Enhancement) VPLS MAC Move. 5620 SAM does not support the MAC Move feature. (Feature Enhancement) BERT on Channelized MDAs. 5620 SAM does not display information about BERT on channelized MDAs.

5620 SAM Release	Compatibility Statement (7750 SR 2.1 R5 through R15)
	<p>(Feature Enhancement) BGP-4 Outbound Route Filtering. 5620 SAM does not support Outbound Route Filtering for BGP.</p> <p>(PTS 472961) Multicast MAC in static-arp. 5620 SAM does not support configuration of multicast MAC addresses for static-arp entries.</p>

Table 80: 7750 SR 2.1 R4

5620 SAM Release	Compatibility Statement (7750 SR 2.1 R4)
5620 SAM 5.0 R1 and above	<p>Network element <u>not</u> supported.</p> <p>5620 SAM does not support management of this router version.</p>
5620 SAM 4.0 R1 through R12	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) BERT on Channelized MDAs. 5620 SAM does not display information about BERT on channelized MDAs.</p> <p>(Feature Enhancement) BGP-4 Outbound Route Filtering. 5620 SAM does not support Outbound Route Filtering for BGP.</p>
5620 SAM 3.0 R1 through R10	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) BERT on Channelized MDAs. 5620 SAM does not display information about BERT on channelized MDAs.</p> <p>(Feature Enhancement) BGP-4 Outbound Route Filtering. 5620 SAM does not support Outbound Route Filtering for BGP.</p>
5620 SAM 2.1 R2 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) BERT on Channelized MDAs. 5620 SAM does not display information about BERT on channelized MDAs.</p> <p>(Feature Enhancement) BGP-4 Outbound Route Filtering. 5620 SAM does not support Outbound Route Filtering for BGP.</p>
5620 SAM 2.1 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Service Mirroring. 5620 SAM does not support the Service Mirroring feature.</p> <p>(Feature Enhancement) VPLS MAC Move. 5620 SAM does not support the MAC Move feature.</p> <p>(Feature Enhancement) BERT on Channelized MDAs. 5620 SAM does not display information about BERT on channelized MDAs.</p> <p>(Feature Enhancement) BGP-4 Outbound Route Filtering. 5620 SAM does not support Outbound Route Filtering for BGP.</p>

Table 81: 7750 SR 2.1 R1 through R3

5620 SAM Release	Compatibility Statement (7750 SR 2.1 R4 through R3)
5620 SAM 5.0 R1 and above	Network element <u>not</u> supported. 5620 SAM does not support management of this router version.
5620 SAM 4.0 R1 through R12	Network element supported as per 5620 SAM Release Description.
5620 SAM 3.0 R1 through R10	Network element supported as per 5620 SAM Release Description.
5620 SAM 2.1 R2 through R5	Network element supported as per 5620 SAM Release Description.
5620 SAM 2.1 R1	Network element supported with the following limitations: (Feature Enhancement) Service Mirroring . 5620 SAM does not support the Service Mirroring feature. (Feature Enhancement) VPLS MAC Move . 5620 SAM does not support the MAC Move feature.

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Table 82: 7750 SR 2.0 R13 through R20 ¹

5620 SAM Release	Compatibility Statement (7750 SR 2.0 R13 through R20)
5620 SAM 4.0 R1 and above	Network element <u>not</u> supported. 5620 SAM does not support management of this router version.
5620 SAM 3.0 R1 through R10	Network element supported as per 5620 SAM Release Description.
5620 SAM 2.1 R1 through R5	Network element supported as per 5620 SAM Release Description.
5620 SAM 2.0 R6	Network element supported as per 5620 SAM Release Description.
5620 SAM 2.0 R5	Network element supported with the following limitations: (PTS 481065) SR Enhancement to allow zero value for sdpAdminPathMtu. 5620 SAM does not allow the user to configure a value of 0 for the SDP path-mtu.
5620 SAM 2.0 R4	Network element supported with the following limitations: (Feature Enhancement) Software Support for E3/E1 TDM channelization. 5620 SAM does not support the E3/E1 TDM channelization feature. (PTS 481065) SR Enhancement to allow zero value for sdpAdminPathMtu. 5620 SAM does not allow the user to configure a value of 0 for the SDP path-mtu.

¹ The 7750 Service Router Release 2.0 R12 was never released to the field

Table 83: 7750 SR 2.0 R10 through R11

5620 SAM Release	Compatibility Statement (7750 SR 2.0 R10 through R11)
5620 SAM 4.0 R1 and above	Network element <u>not</u> supported. 5620 SAM does not support management of this router version.
5620 SAM 3.0 R1 through R10	Network element supported as per 5620 SAM Release Description.
5620 SAM 2.1 R1 through R5	Network element supported as per 5620 SAM Release Description.
5620 SAM 2.0 R5 through R6	Network element supported as per 5620 SAM Release Description.
5620 SAM 2.0 R4	Network element supported with the following limitations: (Feature Enhancement) Software Support for E3/E1 TDM channelization. 5620 SAM does not support the E3/E1 TDM channelization feature.

Table 84: 7750 SR 2.0 R2 through R9

5620 SAM Release	Compatibility Statement (7750 SR 2.0 R2 through R9)
5620 SAM 4.0 R1 and above	Network element <u>not</u> supported. 5620 SAM does not support management of this router version.
5620 SAM 3.0 R1 through R10	Network element supported as per 5620 SAM Release Description.
5620 SAM 2.1 R1 through R5	Network element supported as per 5620 SAM Release Description.
5620 SAM 2.0 R3 through R6	Network element supported as per 5620 SAM Release Description.
5620 SAM 2.0 R2	Network element supported with the following limitations: (Feature Enhancement) H-VPLS. 5620 SAM does not support the H-VPLS feature.
5620 SAM 2.0 R1	Network element supported with the following limitations: (Feature Enhancement) IS-IS Support. 5620 SAM does not support management of the IS-IS protocol. (Feature Enhancement) SONET/SDH Channels. 5620 SAM does not support management of SONET/SDH channels. (Feature Enhancement) Management of DS3/DS1/DS0 Groups. 5620 SAM does not support creation, deletion or configuration of DS3, DS1, and DS0 groups.

3.2 Alcatel-Lucent 7450 Ethernet Service Switch

Alcatel-Lucent 7450 Ethernet Service Switch Release 8.0

Table 85: 7450 ESS 8.0 R5

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R5)
5620 SAM 8.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IP/GRE Tunnel Termination. 5620 SAM does not support IP/GRE Tunnel Termination.</p> <p>(Feature Enhancement) IPv6 Address /127 Netmask Support. 5620 SAM does not support /127 netmasks for IPv6 addresses.</p> <p>(Feature Enhancement) GARP for Outer VLAN Access Interfaces. 5620 SAM does not support GARP after SRRP switchover on outer VLAN Access Interfaces.</p> <p>(Feature Enhancement) Multicast over PPPoE Sessions. 5620 SAM does not support multicast of PPPoE sessions.</p> <p>(Feature Enhancement) Multiple VLAN Registration Protocol. 5620 SAM does not support Multiple VLAN Registration Protocol (MVRP).</p> <p>(Feature Enhancement) RFC 4379 Timestamp for OAM/SAA. 5620 SAM does not support RFC 4379 Timestamps for OAM.</p> <p>(Feature Enhancement) 802.1ag MA Association Naming for Y1731 Eth-OAM MEGs. 5620 SAM does not support 802.1ag MA Association name formats of type integer, string, vid, vpn-id for Y1731 Eth-OAM MEGs. [587671]</p> <p>(Feature Enhancement) VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]</p> <p>(Feature Enhancement) Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R5)
	<p>not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2</p>

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R5)
	<p>Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) 1-Port 100G and 12-Port 10G Ethernet IMMs. 5620 SAM does not support the 1-Port 100G and 12-Port 10G Ethernet IMM Cards.</p> <p>(Feature Enhancement) IPv6 Support on IPipe. 5620 SAM does not support IPv6 for IPipes.</p> <p>(Feature Enhancement) RSVP-TE P2MP I-PMSI. 5620 SAM does not support RSVP-TE P2MP I-PMSI.</p> <p>(Feature Enhancement) IP/GRE Tunnel Termination. 5620 SAM does not support IP/GRE Tunnel Termination.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R5)
	<p>(Feature Enhancement) Ethernet CFM Frame Rate Limiting. 5620 SAM does not support Ethernet CFM Frame Rate Limiting.</p> <p>(Feature Enhancement) IPv6 Address /127 Netmask Support. 5620 SAM does not support /127 netmasks for IPv6 addresses.</p> <p>(Feature Enhancement) QinQ Untagged Frames “.0”. 5620 SAM does not support QinQ Untagged Frames (.0) for L2 and L3 Access Interfaces.</p> <p>(Feature Enhancement) GARP for Outer VLAN Access Interfaces. 5620 SAM does not support GARP after SRRP switchover on outer VLAN Access Interfaces.</p> <p>(PTS 587339) IGMP Tunnel Interface Deployment Failure. 5620 SAM does not support creation of IGMP Tunnel Interfaces of type RSVP. A deployment failure will occur upon attempted creation.</p> <p>(Feature Enhancement) OC-768/STM-256C DWDM IMM Card. 5620 SAM does not support the OC-768/STM-256C DWDM IMM Card.</p> <p>(Feature Enhancement) BITS-OUT Support. 5620 SAM does not support BITS-OUT support for SFM3 on 7450 ESS-7/ESS-12.</p> <p>(Feature Enhancement) Full SSM/ESMC Support. 5620 SAM does not support full SSM/ESMC capability for clock source quality level received via SSM of SDH/SONET/BITS ports or ESMC of synchronous Ethernet ports for system timing reference selection.</p> <p>(Feature Enhancement) Uni-Directional APS Service Parity for SONET/SDH Channelized and Non-Channelized Interfaces. 5620 SAM does not support uni-directional APS service parity for SONET/SDH channelized and non-channelized interfaces for MDAs/CMAs that previously only supported bi-directional switching mode APS.</p> <p>(Feature Enhancement) G.8032 Ethernet Ring Protocol. 5620 SAM does not support G.8032 ethernet ring automatic protection switching.</p> <p>(Feature Enhancement) NAT Basic Port Forwarding. 5620 SAM does not support NAT basic port forwarding.</p> <p>(Feature Enhancement) DIAMETER Credit Control On-line Charging. 5620 SAM does not support on-line charging with DIAMETER Credit Control.</p> <p>(Feature Enhancement) Multicast over PPPoE Sessions. 5620 SAM does not support multicast of PPPoE sessions.</p> <p>(Feature Enhancement) Remove/Add/Modify Domain Names in RADIUS Authentication. 5620 SAM does not support add/remove/replace for strings used as domain names in PAP/CHAP authentication.</p> <p>(Feature Enhancement) Multiple RADIUS Authentication Based On Domain Name. 5620 SAM does not support multiple RADIUS Authentication based on Domain Name (Pre-Authentication in LUDB).</p> <p>(Feature Enhancement) IPoE User Name Option 61/60. 5620 SAM does not support RADIUS User Name Format: DHCP Option 61/60.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R5)
	<p>(Feature Enhancement) ESM IPv6 Local User Database (LUDB) for IPoE. 5620 SAM does not support ESM IPv6 Local User Database (LUDB) for IPoE.</p> <p>(Feature Enhancement) ATM Aware QoS for Broadband Network Gateway. 5620 SAM does not support ATM/ethernet last-mile aware QoS for broadband network gateway.</p> <p>(Feature Enhancement) Queue Parent Weight Override. 5620 SAM does not support queue parent weight override.</p> <p>(Feature Enhancement) QoS Burst Management. 5620 SAM does not support QoS Burst Management.</p> <p>(Feature Enhancement) Multicast Over LDP P2MP LSP. 5620 SAM does not support multicast over LDP P2MP LSP.</p> <p>(Feature Enhancement) LSP Automatic Bandwidth Adjustment. 5620 SAM does not support LSP Automatic Bandwidth Adjustment.</p> <p>(Feature Enhancement) Multiple VLAN Registration Protocol. 5620 SAM does not support Multiple VLAN Registration Protocol (MVRP).</p> <p>(Feature Enhancement) Routed VPLS. 5620 SAM does not support Routed VPLS.</p> <p>(Feature Enhancement) PBB Support for RFC 3107. 5620 SAM does not support PBB for RFC 3107 (BGP LSP for PBB-VPLS Services).</p> <p>(Feature Enhancement) LDP FEC to BGP Label Route Stitching. 5620 SAM does not support LDP FEC to BGP label route stitching.</p> <p>(Feature Enhancement) Multi-homing for L3 Services. 5620 SAM does not support multi-homing for L3 Services (BGP Anycast address support).</p> <p>(Feature Enhancement) SDP-Configurable Tunnel Destination Address. 5620 SAM does not support SDP-configurable tunnel destination address.</p> <p>(Feature Enhancement) Hashing Enhancements for Consistent Per-Service Forwarding . 5620 SAM does not support hashing enhancements for consistent per-service forwarding.</p> <p>(Feature Enhancement) HSDPA Offload Fallback Over ATM . 5620 SAM does not support HSDPA offload fallback over ATM.</p> <p>(Feature Enhancement) Subscriber Attribute Override of App-Profile Values . 5620 SAM does not support subscriber attribute override of app-profile values.</p> <p>(Feature Enhancement) IPipe Divert to AA. 5620 SAM does not support IPipe divert to Application Assurance.</p> <p>(Feature Enhancement) AA-ISA Large Session Congestion Mitigation. 5620 SAM does not support AA-ISA Large Session Congestion Mitigation.</p> <p>(Feature Enhancement) Enable ESMC on WAN Ports. 5620 SAM does not support enabling ESMC for WAN ports.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R5)
	<p>(Feature Enhancement) RADIUS Authentication Policy Down Time. 5620 SAM does not support RADIUS authentication policy down time.</p> <p>(Feature Enhancement) CoA-Only RADIUS Server. 5620 SAM does not support CoA-only RADIUS server.</p> <p>(Feature Enhancement) TACACS+ 128-Character Secret Key. 5620 SAM does not support 128 characters for the TACACS+ secret key.</p> <p>(Feature Enhancement) LAG LACP System-ID Configuration. 5620 SAM does not support configuration of the LACP System-ID for LAGs.</p> <p>(Feature Enhancement) BGP Prefix Limit Threshold Percentage and Log-only. 5620 SAM does not support configuration threshold limit percentage and log-only parameters for BGP peers.</p> <p>(Feature Enhancement) IS-IS Default IPv4 and IPv6 Metric Values. 5620 SAM does not support IPv4 and IPv6 default metrics for IS-IS interfaces.</p> <p>(Feature Enhancement) RFC 4379 Timestamp for OAM/SAA. 5620 SAM does not support RFC 4379 Timestamps for OAM.</p> <p>(Feature Enhancement) 802.1ag MA Association Naming for Y1731 Eth-OAM MEGs. 5620 SAM does not support 802.1ag MA Association name formats of type integer, string, vid, vpn-id for Y1731 Eth-OAM MEGs. [587671]</p> <p>(Feature Enhancement) IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587672]</p> <p>(Feature Enhancement) VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]</p> <p>(Feature Enhancement) Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R5)
	<p>not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R5)
	<p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) 1-Port 100G and 12-Port 10G Ethernet IMMs. 5620 SAM does not support the 1-Port 100G and 12-Port 10G Ethernet IMM Cards.</p> <p>(Feature Enhancement) IPv6 Support on IPipe. 5620 SAM does not support IPv6 for IPipes.</p> <p>(Feature Enhancement) RSVP-TE P2MP I-PMSI. 5620 SAM does not support RSVP-TE P2MP I-PMSI.</p> <p>(Feature Enhancement) IP/GRE Tunnel Termination. 5620 SAM does not support IP/GRE Tunnel Termination.</p> <p>(Feature Enhancement) Ethernet CFM Frame Rate Limiting. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R5)
	<p>support Ethernet CFM Frame Rate Limiting.</p> <p>(Feature Enhancement) IPv6 Address /127 Netmask Support. 5620 SAM does not support /127 netmasks for IPv6 addresses.</p> <p>(Feature Enhancement) QinQ Untagged Frames “.0”. 5620 SAM does not support QinQ Untagged Frames (.0) for L2 and L3 Access Interfaces.</p> <p>(Feature Enhancement) GARP for Outer VLAN Access Interfaces. 5620 SAM does not support GARP after SRRP switchover on outer VLAN Access Interfaces.</p> <p>(PTS 587339) IGMP Tunnel Interface Deployment Failure. 5620 SAM does not support creation of IGMP Tunnel Interfaces of type RSVP. A deployment failure will occur upon attempted creation.</p> <p>(Feature Enhancement) OC-768/STM-256C DWDM IMM Card. 5620 SAM does not support the OC-768/STM-256C DWDM IMM Card.</p> <p>(Feature Enhancement) BITS-OUT Support. 5620 SAM does not support BITS-OUT support for SFM3 on 7450 ESS-7/ESS-12.</p> <p>(Feature Enhancement) Full SSM/ESMC Support. 5620 SAM does not support full SSM/ESMC capability for clock source quality level received via SSM of SDH/SONET/BITS ports or ESMC of synchronous Ethernet ports for system timing reference selection.</p> <p>(Feature Enhancement) Uni-Directional APS Service Parity for SONET/SDH Channelized and Non-Channelized Interfaces. 5620 SAM does not support uni-directional APS service parity for SONET/SDH channelized and non-channelized interfaces for MDAs/CMAs that previously only supported bi-directional switching mode APS.</p> <p>(Feature Enhancement) G.8032 Ethernet Ring Protocol. 5620 SAM does not support G.8032 ethernet ring automatic protection switching.</p> <p>(Feature Enhancement) NAT Basic Port Forwarding. 5620 SAM does not support NAT basic port forwarding.</p> <p>(Feature Enhancement) DIAMETER Credit Control On-line Charging. 5620 SAM does not support on-line charging with DIAMETER Credit Control.</p> <p>(Feature Enhancement) Multicast over PPPoE Sessions. 5620 SAM does not support multicast of PPPoE sessions.</p> <p>(Feature Enhancement) Remove/Add/Modify Domain Names in RADIUS Authentication. 5620 SAM does not support add/remove/replace for strings used as domain names in PAP/CHAP authentication.</p> <p>(Feature Enhancement) Multiple RADIUS Authentication Based On Domain Name. 5620 SAM does not support multiple RADIUS Authentication based on Domain Name (Pre-Authentication in LUDB).</p> <p>(Feature Enhancement) IPoE User Name Option 61/60. 5620 SAM does not support RADIUS User Name Format: DHCP Option 61/60.</p> <p>(Feature Enhancement) ESM IPv6 Local User Database (LUDB) for IPoE. 5620 SAM</p>

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R5)
	<p>does not support ESM IPv6 Local User Database (LUDB) for IPoE.</p> <p>(Feature Enhancement) ATM Aware QoS for Broadband Network Gateway. 5620 SAM does not support ATM/ethernet last-mile aware QoS for broadband network gateway.</p> <p>(Feature Enhancement) Queue Parent Weight Override. 5620 SAM does not support queue parent weight override.</p> <p>(Feature Enhancement) QoS Burst Management. 5620 SAM does not support QoS Burst Management.</p> <p>(Feature Enhancement) Multicast Over LDP P2MP LSP. 5620 SAM does not support multicast over LDP P2MP LSP.</p> <p>(Feature Enhancement) LSP Automatic Bandwidth Adjustment. 5620 SAM does not support LSP Automatic Bandwidth Adjustment.</p> <p>(Feature Enhancement) Multiple VLAN Registration Protocol. 5620 SAM does not support Multiple VLAN Registration Protocol (MVRP).</p> <p>(Feature Enhancement) Routed VPLS. 5620 SAM does not support Routed VPLS.</p> <p>(Feature Enhancement) PBB Support for RFC 3107. 5620 SAM does not support PBB for RFC 3107 (BGP LSP for PBB-VPLS Services).</p> <p>(Feature Enhancement) LDP FEC to BGP Label Route Stitching. 5620 SAM does not support LDP FEC to BGP label route stitching.</p> <p>(Feature Enhancement) Multi-homing for L3 Services. 5620 SAM does not support multi-homing for L3 Services (BGP Anycast address support).</p> <p>(Feature Enhancement) SDP-Configurable Tunnel Destination Address. 5620 SAM does not support SDP-configurable tunnel destination address.</p> <p>(Feature Enhancement) Hashing Enhancements for Consistent Per-Service Forwarding . 5620 SAM does not support hashing enhancements for consistent per-service forwarding.</p> <p>(Feature Enhancement) HSDPA Offload Fallback Over ATM . 5620 SAM does not support HSDPA offload fallback over ATM.</p> <p>(Feature Enhancement) Subscriber Attribute Override of App-Profile Values . 5620 SAM does not support subscriber attribute override of app-profile values.</p> <p>(Feature Enhancement) IPipe Divert to AA. 5620 SAM does not support IPipe divert to Application Assurance.</p> <p>(Feature Enhancement) AA-ISA Large Session Congestion Mitigation. 5620 SAM does not support AA-ISA Large Session Congestion Mitigation.</p> <p>(Feature Enhancement) Enable ESMC on WAN Ports. 5620 SAM does not support enabling ESMC for WAN ports.</p> <p>(Feature Enhancement) RADIUS Authentication Policy Down Time. 5620 SAM does</p>

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	<p>not support RADIUS authentication policy down time.</p> <p>(Feature Enhancement) CoA-Only RADIUS Server. 5620 SAM does not support CoA-only RADIUS server.</p> <p>(Feature Enhancement) TACACS+ 128-Character Secret Key. 5620 SAM does not support 128 characters for the TACACS+ secret key.</p> <p>(Feature Enhancement) LAG LACP System-ID Configuration. 5620 SAM does not support configuration of the LACP System-ID for LAGs.</p> <p>(Feature Enhancement) BGP Prefix Limit Threshold Percentage and Log-only. 5620 SAM does not support configuration threshold limit percentage and log-only parameters for BGP peers.</p> <p>(Feature Enhancement) IS-IS Default IPv4 and IPv6 Metric Values. 5620 SAM does not support IPv4 and IPv6 default metrics for IS-IS interfaces.</p> <p>(Feature Enhancement) RFC 4379 Timestamp for OAM/SAA. 5620 SAM does not support RFC 4379 Timestamps for OAM.</p> <p>(Feature Enhancement) LAC Tunnel Support for VPRN (L2TP). 5620 SAM does not support LAC Tunnels for VPRN (L2TP).</p> <p>(Feature Enhancement) LNS Over MPLS LNS. 5620 SAM does not support LNS Over MPLS LNS.</p> <p>(Feature Enhancement) L2TP Tunnel Switching with ESM. 5620 SAM does not support L2TP Tunnel Switching with ESM.</p> <p>(Feature Enhancement) LI Activation Enhancements. 5620 SAM does not support LI Activation Enhancements.</p> <p>(Feature Enhancement) LI for LAC Sessions. 5620 SAM does not support LI for LAC Sessions.</p> <p>(Feature Enhancement) SLA Override without SLA-Profile Change. 5620 SAM does not support SLA override without SLA-Profile change.</p> <p>(Feature Enhancement) 802.1ag MA Association Naming for Y1731 Eth-OAM MEGs. 5620 SAM does not support 802.1ag MA Association name formats of type integer, string, vid, vpn-id for Y1731 Eth-OAM MEGs. [587671]</p> <p>(Feature Enhancement) IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587672]</p> <p>(Feature Enhancement) VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]</p> <p>(Feature Enhancement) Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p>

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R5)
	<p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R5)
	<p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms</p>

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R5)
	indicating events such as start and completion of a recover action after system startup.

Table 86: 7450 ESS 8.0 R4

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R4)
5620 SAM 8.0 R5	<p>Network element supported with the following limitations:</p> <p>(PTS 592549) IPv6 Standalone PPP-SLAAC or PPP-DHCP6 Mid-Session Change. A mid-session change on an IPv6 PPP-SLAAC or PPP-DHCP6 ESM subscriber host will result in a deployment failure if the host does not also have IPv4 addressing configured (v4/v6 Dual-stack).</p> <p>(Feature Enhancement) Multicast over PPPoE Sessions. 5620 SAM does not support multicast of PPPoE sessions.</p> <p>(Feature Enhancement) Multiple VLAN Registration Protocol. 5620 SAM does not support Multiple VLAN Registration Protocol (MVRP).</p> <p>(Feature Enhancement) RFC 4379 Timestamp for OAM/SAA. 5620 SAM does not support RFC 4379 Timestamps for OAM.</p> <p>(Feature Enhancement) 802.1ag MA Association Naming for Y1731 Eth-OAM MEGs. 5620 SAM does not support 802.1ag MA Association name formats of type integer, string, vid, vpn-id for Y1731 Eth-OAM MEGs. [587671]</p> <p>(Feature Enhancement) VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]</p> <p>(Feature Enhancement) Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for</p>

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R4)
	<p>VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R4)
	<p>5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(PTS 592549) IPv6 Standalone PPP-SLAAC or PPP-DHCP6 Mid-Session Change. A mid-session change on an IPv6 PPP-SLAAC or PPP-DHCP6 ESM subscriber host will result in a deployment failure if the host does not also have IPv4 addressing configured (v4/v6 Dual-stack).</p> <p>(PTS 587339) IGMP Tunnel Interface Deployment Failure. 5620 SAM does not support creation of IGMP Tunnel Interfaces of type RSVP. A deployment failure will occur upon attempted creation.</p> <p>(Feature Enhancement) OC-768/STM-256C DWDM IMM Card. 5620 SAM does not support the OC-768/STM-256C DWDM IMM Card.</p> <p>(Feature Enhancement) BITS-OUT Support. 5620 SAM does not support BITS-OUT support for SFM3 on 7450 ESS-7/ESS-12.</p> <p>(Feature Enhancement) Full SSM/ESMC Support. 5620 SAM does not support full SSM/ESMC capability for clock source quality level received via SSM of SDH/SONET/BITS ports or ESMC of synchronous Ethernet ports for system timing reference selection.</p> <p>(Feature Enhancement) Uni-Directional APS Service Parity for SONET/SDH Channelized and Non-Channelized Interfaces. 5620 SAM does not support uni-directional APS service parity for SONET/SDH channelized and non-channelized</p>

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R4)
	<p>interfaces for MDAs/CMAs that previously only supported bi-directional switching mode APS.</p> <p>(Feature Enhancement) G.8032 Ethernet Ring Protocol. 5620 SAM does not support G.8032 ethernet ring automatic protection switching.</p> <p>(Feature Enhancement) NAT Basic Port Forwarding. 5620 SAM does not support NAT basic port forwarding.</p> <p>(Feature Enhancement) DIAMETER Credit Control On-line Charging. 5620 SAM does not support on-line charging with DIAMETER Credit Control.</p> <p>(Feature Enhancement) Multicast over PPPoE Sessions. 5620 SAM does not support multicast of PPPoE sessions.</p> <p>(Feature Enhancement) Remove/Add/Modify Domain Names in RADIUS Authentication. 5620 SAM does not support add/remove/replace for strings used as domain names in PAP/CHAP authentication.</p> <p>(Feature Enhancement) Multiple RADIUS Authentication Based On Domain Name. 5620 SAM does not support multiple RADIUS Authentication based on Domain Name (Pre-Authentication in LUDB).</p> <p>(Feature Enhancement) IPoE User Name Option 61/60. 5620 SAM does not support RADIUS User Name Format: DHCP Option 61/60.</p> <p>(Feature Enhancement) ESM IPv6 Local User Database (LUDB) for IPoE. 5620 SAM does not support ESM IPv6 Local User Database (LUDB) for IPoE.</p> <p>(Feature Enhancement) ATM Aware QoS for Broadband Network Gateway. 5620 SAM does not support ATM/ethernet last-mile aware QoS for broadband network gateway.</p> <p>(Feature Enhancement) Queue Parent Weight Override. 5620 SAM does not support queue parent weight override.</p> <p>(Feature Enhancement) QoS Burst Management. 5620 SAM does not support QoS Burst Management.</p> <p>(Feature Enhancement) Multicast Over LDP P2MP LSP. 5620 SAM does not support multicast over LDP P2MP LSP.</p> <p>(Feature Enhancement) LSP Automatic Bandwidth Adjustment. 5620 SAM does not support LSP Automatic Bandwidth Adjustment.</p> <p>(Feature Enhancement) Multiple VLAN Registration Protocol. 5620 SAM does not support Multiple VLAN Registration Protocol (MVRP).</p> <p>(Feature Enhancement) Routed VPLS. 5620 SAM does not support Routed VPLS.</p> <p>(Feature Enhancement) PBB Support for RFC 3107. 5620 SAM does not support PBB for RFC 3107 (BGP LSP for PBB-VPLS Services).</p> <p>(Feature Enhancement) LDP FEC to BGP Label Route Stitching. 5620 SAM does not support LDP FEC to BGP label route stitching.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R4)
	<p>(Feature Enhancement) Multi-homing for L3 Services. 5620 SAM does not support multi-homing for L3 Services (BGP Anycast address support).</p> <p>(Feature Enhancement) SDP-Configurable Tunnel Destination Address. 5620 SAM does not support SDP-configurable tunnel destination address.</p> <p>(Feature Enhancement) Hashing Enhancements for Consistent Per-Service Forwarding . 5620 SAM does not support hashing enhancements for consistent per-service forwarding.</p> <p>(Feature Enhancement) HSDPA Offload Fallback Over ATM . 5620 SAM does not support HSDPA offload fallback over ATM.</p> <p>(Feature Enhancement) Subscriber Attribute Override of App-Profile Values . 5620 SAM does not support subscriber attribute override of app-profile values.</p> <p>(Feature Enhancement) IPipe Divert to AA. 5620 SAM does not support IPipe divert to Application Assurance.</p> <p>(Feature Enhancement) AA-ISA Large Session Congestion Mitigation. 5620 SAM does not support AA-ISA Large Session Congestion Mitigation.</p> <p>(Feature Enhancement) Enable ESMC on WAN Ports. 5620 SAM does not support enabling ESMC for WAN ports.</p> <p>(Feature Enhancement) IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards.</p> <p>(Feature Enhancement) RADIUS Authentication Policy Down Time. 5620 SAM does not support RADIUS authentication policy down time.</p> <p>(Feature Enhancement) CoA-Only RADIUS Server. 5620 SAM does not support CoA-only RADIUS server.</p> <p>(Feature Enhancement) TACACS+ 128-Character Secret Key. 5620 SAM does not support 128 characters for the TACACS+ secret key.</p> <p>(Feature Enhancement) LAG LACP System-ID Configuration. 5620 SAM does not support configuration of the LACP System-ID for LAGs.</p> <p>(Feature Enhancement) BGP Prefix Limit Threshold Percentage and Log-only. 5620 SAM does not support configuration threshold limit percentage and log-only parameters for BGP peers.</p> <p>(Feature Enhancement) IS-IS Default IPv4 and IPv6 Metric Values. 5620 SAM does not support IPv4 and IPv6 default metrics for IS-IS interfaces.</p> <p>(Feature Enhancement) RFC 4379 Timestamp for OAM/SAA. 5620 SAM does not support RFC 4379 Timestamps for OAM.</p> <p>(Feature Enhancement) 802.1ag MA Association Naming for Y1731 Eth-OAM MEGs. 5620 SAM does not support 802.1ag MA Association name formats of type integer, string, vid, vpn-id for Y1731 Eth-OAM MEGs. [587671]</p> <p>(Feature Enhancement) IOM Card Fail-On-Error. 5620 SAM does not support fail-on-</p>

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R4)
	<p>error for IOM Cards. [587672]</p> <p>(Feature Enhancement) VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]</p> <p>(Feature Enhancement) Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R4)
	<p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R4)
	<p>5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(PTS 592549) IPv6 Standalone PPP-SLAAC or PPP-DHCP6 Mid-Session Change. A mid-session change on an IPv6 PPP-SLAAC or PPP-DHCP6 ESM subscriber host will result in a deployment failure if the host does not also have IPv4 addressing configured (v4/v6 Dual-stack).</p> <p>(PTS 587339) IGMP Tunnel Interface Deployment Failure. 5620 SAM does not support creation of IGMP Tunnel Interfaces of type RSVP. A deployment failure will occur upon attempted creation.</p> <p>(Feature Enhancement) OC-768/STM-256C DWDM IMM Card. 5620 SAM does not support the OC-768/STM-256C DWDM IMM Card.</p> <p>(Feature Enhancement) BITS-OUT Support. 5620 SAM does not support BITS-OUT support for SFM3 on 7450 ESS-7/ESS-12.</p> <p>(Feature Enhancement) Full SSM/ESMC Support. 5620 SAM does not support full SSM/ESMC capability for clock source quality level received via SSM of SDH/SONET/BITS ports or ESMC of synchronous Ethernet ports for system timing reference selection.</p> <p>(Feature Enhancement) Uni-Directional APS Service Parity for SONET/SDH Channelized and Non-Channelized Interfaces. 5620 SAM does not support uni-directional APS service parity for SONET/SDH channelized and non-channelized interfaces for MDAs/CMAs that previously only supported bi-directional switching mode APS.</p> <p>(Feature Enhancement) G.8032 Ethernet Ring Protocol. 5620 SAM does not support G.8032 ethernet ring automatic protection switching.</p> <p>(Feature Enhancement) NAT Basic Port Forwarding. 5620 SAM does not support NAT basic port forwarding.</p> <p>(Feature Enhancement) DIAMETER Credit Control On-line Charging. 5620 SAM does not support on-line charging with DIAMETER Credit Control.</p> <p>(Feature Enhancement) Multicast over PPPoE Sessions. 5620 SAM does not support multicast of PPPoE sessions.</p> <p>(Feature Enhancement) Remove/Add/Modify Domain Names in RADIUS Authentication. 5620 SAM does not support add/remove/replace for strings used as</p>

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R4)
	<p>domain names in PAP/CHAP authentication.</p> <p>(Feature Enhancement) Multiple RADIUS Authentication Based On Domain Name. 5620 SAM does not support multiple RADIUS Authentication based on Domain Name (Pre-Authentication in LUDB).</p> <p>(Feature Enhancement) IPoE User Name Option 61/60. 5620 SAM does not support RADIUS User Name Format: DHCP Option 61/60.</p> <p>(Feature Enhancement) ESM IPv6 Local User Database (LUDB) for IPoE. 5620 SAM does not support ESM IPv6 Local User Database (LUDB) for IPoE.</p> <p>(Feature Enhancement) ATM Aware QoS for Broadband Network Gateway. 5620 SAM does not support ATM/ethernet last-mile aware QoS for broadband network gateway.</p> <p>(Feature Enhancement) Queue Parent Weight Override. 5620 SAM does not support queue parent weight override.</p> <p>(Feature Enhancement) QoS Burst Management. 5620 SAM does not support QoS Burst Management.</p> <p>(Feature Enhancement) Multicast Over LDP P2MP LSP. 5620 SAM does not support multicast over LDP P2MP LSP.</p> <p>(Feature Enhancement) LSP Automatic Bandwidth Adjustment. 5620 SAM does not support LSP Automatic Bandwidth Adjustment.</p> <p>(Feature Enhancement) Multiple VLAN Registration Protocol. 5620 SAM does not support Multiple VLAN Registration Protocol (MVRP).</p> <p>(Feature Enhancement) Routed VPLS. 5620 SAM does not support Routed VPLS.</p> <p>(Feature Enhancement) PBB Support for RFC 3107. 5620 SAM does not support PBB for RFC 3107 (BGP LSP for PBB-VPLS Services).</p> <p>(Feature Enhancement) LDP FEC to BGP Label Route Stitching. 5620 SAM does not support LDP FEC to BGP label route stitching.</p> <p>(Feature Enhancement) Multi-homing for L3 Services. 5620 SAM does not support multi-homing for L3 Services (BGP Anycast address support).</p> <p>(Feature Enhancement) SDP-Configurable Tunnel Destination Address. 5620 SAM does not support SDP-configurable tunnel destination address.</p> <p>(Feature Enhancement) Hashing Enhancements for Consistent Per-Service Forwarding . 5620 SAM does not support hashing enhancements for consistent per-service forwarding.</p> <p>(Feature Enhancement) HSDPA Offload Fallback Over ATM . 5620 SAM does not support HSDPA offload fallback over ATM.</p> <p>(Feature Enhancement) Subscriber Attribute Override of App-Profile Values . 5620 SAM does not support subscriber attribute override of app-profile values.</p> <p>(Feature Enhancement) IPipe Divert to AA. 5620 SAM does not support IPipe divert</p>

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R4)
	<p>to Application Assurance.</p> <p>(Feature Enhancement) AA-ISA Large Session Congestion Mitigation. 5620 SAM does not support AA-ISA Large Session Congestion Mitigation.</p> <p>(Feature Enhancement) Enable ESMC on WAN Ports. 5620 SAM does not support enabling ESMC for WAN ports.</p> <p>(Feature Enhancement) IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards.</p> <p>(Feature Enhancement) RADIUS Authentication Policy Down Time. 5620 SAM does not support RADIUS authentication policy down time.</p> <p>(Feature Enhancement) CoA-Only RADIUS Server. 5620 SAM does not support CoA-only RADIUS server.</p> <p>(Feature Enhancement) TACACS+ 128-Character Secret Key. 5620 SAM does not support 128 characters for the TACACS+ secret key.</p> <p>(Feature Enhancement) LAG LACP System-ID Configuration. 5620 SAM does not support configuration of the LACP System-ID for LAGs.</p> <p>(Feature Enhancement) BGP Prefix Limit Threshold Percentage and Log-only. 5620 SAM does not support configuration threshold limit percentage and log-only parameters for BGP peers.</p> <p>(Feature Enhancement) IS-IS Default IPv4 and IPv6 Metric Values. 5620 SAM does not support IPv4 and IPv6 default metrics for IS-IS interfaces.</p> <p>(Feature Enhancement) RFC 4379 Timestamp for OAM/SAA. 5620 SAM does not support RFC 4379 Timestamps for OAM.</p> <p>(Feature Enhancement) LAC Tunnel Support for VPRN (L2TP). 5620 SAM does not support LAC Tunnels for VPRN (L2TP).</p> <p>(Feature Enhancement) LNS Over MPLS LNS. 5620 SAM does not support LNS Over MPLS LNS.</p> <p>(Feature Enhancement) L2TP Tunnel Switching with ESM. 5620 SAM does not support L2TP Tunnel Switching with ESM.</p> <p>(Feature Enhancement) LI Activation Enhancements. 5620 SAM does not support LI Activation Enhancements.</p> <p>(Feature Enhancement) LI for LAC Sessions. 5620 SAM does not support LI for LAC Sessions.</p> <p>(Feature Enhancement) SLA Override without SLA-Profile Change. 5620 SAM does not support SLA override without SLA-Profile change.</p> <p>(Feature Enhancement) 802.1ag MA Association Naming for Y1731 Eth-OAM MEGs. 5620 SAM does not support 802.1ag MA Association name formats of type integer, string, vid, vpn-id for Y1731 Eth-OAM MEGs. [587671]</p> <p>(Feature Enhancement) IOM Card Fail-On-Error. 5620 SAM does not support fail-on-</p>

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R4)
	<p>error for IOM Cards. [587672]</p> <p>(Feature Enhancement) VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]</p> <p>(Feature Enhancement) Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R4)
	<p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R4)
	<p>5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 87: 7450 ESS 8.0 R3

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R3)
5620 SAM 8.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) 802.1ag MA Association Naming for Y1731 Eth-OAM MEGs. 5620 SAM does not support 802.1ag MA Association name formats of type integer, string, vid, vpn-id for Y1731 Eth-OAM MEGs. [587671]</p> <p>(Feature Enhancement) VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]</p> <p>(Feature Enhancement) Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R3)
	<p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no</p>

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R3)
	<p>longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R1 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) 802.1ag MA Association Naming for Y1731 Eth-OAM MEGs. 5620 SAM does not support 802.1ag MA Association name formats of type integer, string, vid, vpn-id for Y1731 Eth-OAM MEGs. [587671]</p> <p>(Feature Enhancement) IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587672]</p> <p>(Feature Enhancement) VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]</p> <p>(Feature Enhancement) Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R3)
	<p>Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a</p>

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R3)
	<p>PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 88: 7450 ESS 8.0 R1 through R2

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R1 through R2)
5620 SAM 8.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R1 through R2)
	<p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R1 through R2)
	<p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R1 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R1 through R2)
	<p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R1 through R2)
	<p>5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Alcatel-Lucent 7450 Ethernet Service Switch Release 7.0

Table 89: 7450 ESS 7.0 R14

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R14)
5620 SAM 8.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216]</p> <p>(Feature Enhancement) Telnet/SSH TTL Security Check. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217]</p> <p>(Feature Enhancement) System Memory Usage Statistics in Kilobytes. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218]</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593086]</p> <p>(Feature Enhancement) AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change. Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations.</p> <p>In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement.</p> <p>Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678]</p> <p>(Feature Enhancement) AA Subscriber Accounting Statistics Data Loss Alarm. 5620 SAM does not support the Application Assurance Subscriber Accounting Statistics Data Loss Alarm. [587679]</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” response status for OAM LSP Ping Tests. [587682]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle,</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R14)
	<p>clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R14)
	<p>Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216]</p> <p>(Feature Enhancement) Telnet/SSH TTL Security Check. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217]</p> <p>(Feature Enhancement) System Memory Usage Statistics in Kilobytes. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218]</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R14)
	<p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593086]</p> <p>(PTS 588751) ESM Local User Database. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751]</p> <p>(Feature Enhancement) AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change. Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations.</p> <p>In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement.</p> <p>Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678]</p> <p>(Feature Enhancement) AA Subscriber Accounting Statistics Data Loss Alarm. 5620 SAM does not support the Application Assurance Subscriber Accounting Statistics Data Loss Alarm. [587679]</p> <p>(Feature Enhancement) IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680]</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” response status for OAM LSP Ping Tests. [587682]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p>

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5620 SAM 8.0 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216]</p> <p>(Feature Enhancement) Telnet/SSH TTL Security Check. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217]</p> <p>(Feature Enhancement) System Memory Usage Statistics in Kilobytes. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218]</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593086]</p> <p>(PTS 588751) ESM Local User Database. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751]</p> <p>(Feature Enhancement) AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change. Node Release 7.0R10 introduces a change in behavior affecting</p>

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	<p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p>

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	<p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R7 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216]</p> <p>(Feature Enhancement) Telnet/SSH TTL Security Check. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217]</p> <p>(Feature Enhancement) System Memory Usage Statistics in Kilobytes. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218]</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593086]</p> <p>(PTS 588751) ESM Local User Database. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751]</p> <p>(Feature Enhancement) AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change. Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R14)
	<p>In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement.</p> <p>Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678]</p> <p>(Feature Enhancement) AA Subscriber Accounting Statistics Data Loss Alarm. 5620 SAM does not support the Application Assurance Subscriber Accounting Statistics Data Loss Alarm. [587679]</p> <p>(Feature Enhancement) IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680]</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” response status for OAM LSP Ping Tests. [587682]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R14)
	<p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p>

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	<p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R6	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216]</p> <p>(Feature Enhancement) Telnet/SSH TTL Security Check. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217]</p> <p>(Feature Enhancement) System Memory Usage Statistics in Kilobytes. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218]</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593086]</p> <p>(PTS 588751) ESM Local User Database. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751]</p> <p>(Feature Enhancement) AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change. Node Release 7.0R10 introduces a change in behavior affecting</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R14)
	<p>Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations.</p> <p>In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement.</p> <p>Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678]</p> <p>(Feature Enhancement) AA Subscriber Accounting Statistics Data Loss Alarm. 5620 SAM does not support the Application Assurance Subscriber Accounting Statistics Data Loss Alarm. [587679]</p> <p>(Feature Enhancement) IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680]</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” response status for OAM LSP Ping Tests. [587682]</p> <p>(PTS 587683) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for</p>

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	<p>VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p>

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	<p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216]</p> <p>(Feature Enhancement) Telnet/SSH TTL Security Check. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217]</p> <p>(Feature Enhancement) System Memory Usage Statistics in Kilobytes. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218]</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support</p>

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	<p>the “default” type for Power Supplies. [593086]</p> <p>(PTS 588751) ESM Local User Database. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751]</p> <p>(Feature Enhancement) AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change. Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations.</p> <p>In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement.</p> <p>Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678]</p> <p>(Feature Enhancement) AA Subscriber Accounting Statistics Data Loss Alarm. 5620 SAM does not support the Application Assurance Subscriber Accounting Statistics Data Loss Alarm. [587679]</p> <p>(Feature Enhancement) IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680]</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” response status for OAM LSP Ping Tests. [587682]</p> <p>(PTS 587683) Obsolete OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R14)
	<p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) Long Channel Descriptions. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths. A maximum of 80 character descriptions are currently supported.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R14)
	<p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R14)
5620 SAM 7.0 R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216]</p> <p>(Feature Enhancement) Telnet/SSH TTL Security Check. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217]</p> <p>(Feature Enhancement) System Memory Usage Statistics in Kilobytes. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218]</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593086]</p> <p>(PTS 588751) ESM Local User Database. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751]</p> <p>(Feature Enhancement) AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change. Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations.</p> <p>In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement.</p> <p>Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678]</p> <p>(Feature Enhancement) AA Subscriber Accounting Statistics Data Loss Alarm. 5620 SAM does not support the Application Assurance Subscriber Accounting Statistics Data Loss Alarm. [587679]</p> <p>(Feature Enhancement) IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680]</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” response status for OAM LSP Ping Tests. [587682]</p> <p>(PTS 587683) Obsolete OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683]</p> <p>(PTS 584368) Obsolete OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R14)
	<p>failure will occur. [584368]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) Multi-Service Integrated Services Adapter. 5620 SAM does not support the Multi-Service Integrated Services Adapter (MS-ISA, MS-ISA-E).</p> <p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R14)
	<p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) Long Channel Descriptions. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths. A maximum of 80 character descriptions are currently supported.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R14)
	<p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216]</p> <p>(Feature Enhancement) Telnet/SSH TTL Security Check. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217]</p> <p>(Feature Enhancement) System Memory Usage Statistics in Kilobytes. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218]</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593086]</p> <p>(PTS 588751) ESM Local User Database. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751]</p> <p>(Feature Enhancement) AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change. Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations.</p> <p>In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R14)
	<p>subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement.</p> <p>Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678]</p> <p>(Feature Enhancement) AA Subscriber Accounting Statistics Data Loss Alarm. 5620 SAM does not support the Application Assurance Subscriber Accounting Statistics Data Loss Alarm. [587679]</p> <p>(Feature Enhancement) IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680]</p> <p>(Feature Enhancement) OAM LSP Ping 'Packet Size Too Big' Response Status. 5620 SAM does not support the "Packet Size Too Big" response status for OAM LSP Ping Tests. [587682]</p> <p>(PTS 587683) Obsolete OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R14)
	<p>Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) Video ISA MDA. 5620 SAM does not support the Video ISA MDA. If a pre-SAM 7.0R4 release manages a 7750 or 7450 router with configured Video Groups containing ISA-Video group members, then invalid LAG entries will appear in SAM. The LAGs will incorrectly appear in the SAM Equipment tree with LAG IDs greater than 200. Furthermore, if the router has VPLS, IES or VPRN services that have configured video interfaces and associated video interface address(es), then invalid L2/L3 access interfaces and addresses will appear for these services. Attempting to modify or delete these LAGs, access interfaces or addresses via SAM will result in failed deployments.</p> <p>(Feature Enhancement) Fast Channel Change Server. 5620 SAM does not support the Fast Channel Change Server.</p> <p>(Feature Enhancement) RETransmission Client and Server. 5620 SAM does not support the Retransmission Client and Server for Video ISA.</p> <p>(Feature Enhancement) LSR IP Load Balancing. 5620 SAM does not support LSR IP load balancing.</p> <p>(Feature Enhancement) SLA-Profile Based Egress Remarking. 5620 SAM does not support 'Egress QoS marking from SAP' for Subscriber Management SLA-Profiles.</p> <p>(Feature Enhancement) ESM on VSM (CCAG Use Origin SAP). 5620 SAM does not support ESM on VSM (CCAG Use Origin SAP) functionality for Group Interfaces on IES services.</p> <p>(Feature Enhancement) Configurable CFM Thresholds. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds.</p> <p>(Feature Enhancement) PBB Access Dual Homing. 5620 SAM does not support PBB Access Dual Homing.</p> <p>(Feature Enhancement) G.8031 Protected Ethernet Tunnels. 5620 SAM does not support G.8031 Protected Ethernet Tunnels.</p> <p>(Feature Enhancement) TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) 1-Port 10G DWDM Tunable MDA. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA.</p> <p>(Feature Enhancement) 1-Port 10G HS (High Scale) MDA. 5620 SAM does not support the 1-Port 10G HS (High Scale) MDA.</p> <p>(Feature Enhancement) H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LAG Support for HS-MDA. 5620 SAM does not support LAG's for HS-MDA ports.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R14)
	<p>MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) LDP over RSVP without Area-Boundary for IS-IS. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) OAM (Dying Gasp trap). 5620 SAM does not support "Dying gasp Trap" for OAM.</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) IGMP Host-Tracking. 5620 SAM does not support IGMP Host Tracking on IES services, including subscriber interfaces. It is also not supported on VPLS service.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R14)
	<p>not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 90: 7450 ESS 7.0 R13

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R13)
5620 SAM 8.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593086]</p> <p>(Feature Enhancement) AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change. Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations.</p> <p>In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement.</p> <p>Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678]</p> <p>(Feature Enhancement) AA Subscriber Accounting Statistics Data Loss Alarm. 5620 SAM does not support the Application Assurance Subscriber Accounting Statistics Data Loss Alarm. [587679]</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” reponse status for OAM LSP Ping Tests. [587682]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does</p>

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	<p>not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R13)
	<p>5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593086]</p> <p>(PTS 588751) ESM Local User Database. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751]</p> <p>(Feature Enhancement) AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change. Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations.</p> <p>In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement.</p> <p>Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R13)
	<p>are not affected by this change. [587678]</p> <p>(Feature Enhancement) AA Subscriber Accounting Statistics Data Loss Alarm. 5620 SAM does not support the Application Assurance Subscriber Accounting Statistics Data Loss Alarm. [587679]</p> <p>(Feature Enhancement) IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680]</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” response status for OAM LSP Ping Tests. [587682]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p>

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

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	<p>Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593086]</p> <p>(PTS 588751) ESM Local User Database. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751]</p> <p>(Feature Enhancement) AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change. Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations.</p> <p>In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement.</p> <p>Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678]</p> <p>(Feature Enhancement) AA Subscriber Accounting Statistics Data Loss Alarm. 5620 SAM does not support the Application Assurance Subscriber Accounting Statistics Data Loss Alarm. [587679]</p> <p>(Feature Enhancement) IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680]</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” response status for OAM LSP Ping Tests. [587682]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p>

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through R8	<p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593086]</p> <p>(PTS 588751) ESM Local User Database. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751]</p> <p>(Feature Enhancement) AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change. Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations.</p> <p>In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement.</p> <p>Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678]</p> <p>(Feature Enhancement) AA Subscriber Accounting Statistics Data Loss Alarm. 5620 SAM does not support the Application Assurance Subscriber Accounting Statistics Data Loss Alarm. [587679]</p> <p>(Feature Enhancement) IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680]</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” response status for OAM LSP Ping Tests. [587682]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p>

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	<p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R13)
	<p>notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R6	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R13)
	<p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593086]</p> <p>(PTS 588751) ESM Local User Database. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751]</p> <p>(Feature Enhancement) AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change. Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations.</p> <p>In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement.</p> <p>Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678]</p> <p>(Feature Enhancement) AA Subscriber Accounting Statistics Data Loss Alarm. 5620 SAM does not support the Application Assurance Subscriber Accounting Statistics Data Loss Alarm. [587679]</p> <p>(Feature Enhancement) IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680]</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” response status for OAM LSP Ping Tests. [587682]</p> <p>(PTS 587683) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R13)
	<p>(SSRC). [576532]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R13)
	<p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R13)
	<p>chassis manufacturing part number. [593083]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593086]</p> <p>(PTS 588751) ESM Local User Database. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751]</p> <p>(Feature Enhancement) AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change. Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations.</p> <p>In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement.</p> <p>Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678]</p> <p>(Feature Enhancement) AA Subscriber Accounting Statistics Data Loss Alarm. 5620 SAM does not support the Application Assurance Subscriber Accounting Statistics Data Loss Alarm. [587679]</p> <p>(Feature Enhancement) IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680]</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” response status for OAM LSP Ping Tests. [587682]</p> <p>(PTS 587683) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R13)
	<p>5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) Long Channel Descriptions. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths. A maximum of 80 character descriptions are currently supported.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R13)
	<p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms</p>

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	indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593086]</p> <p>(PTS 588751) ESM Local User Database. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751]</p> <p>(Feature Enhancement) AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change. Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations.</p> <p>In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement.</p> <p>Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678]</p> <p>(Feature Enhancement) AA Subscriber Accounting Statistics Data Loss Alarm. 5620 SAM does not support the Application Assurance Subscriber Accounting Statistics Data Loss Alarm. [587679]</p> <p>(Feature Enhancement) IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680]</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” response status for OAM LSP Ping Tests. [587682]</p> <p>(PTS 587683) Obsolete OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683]</p> <p>(PTS 584368) Obsolete OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R13)
	<p>statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) Multi-Service Integrated Services Adapter. 5620 SAM does not support the Multi-Service Integrated Services Adapter (MS-ISA, MS-ISA-E).</p> <p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) Long Channel Descriptions. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths. A maximum of 80 character descriptions are currently supported.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R13)
	<p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R13)
	<p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593086]</p> <p>(PTS 588751) ESM Local User Database. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751]</p> <p>(Feature Enhancement) AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change. Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations.</p> <p>In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement.</p> <p>Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678]</p> <p>(Feature Enhancement) AA Subscriber Accounting Statistics Data Loss Alarm. 5620 SAM does not support the Application Assurance Subscriber Accounting Statistics Data Loss Alarm. [587679]</p> <p>(Feature Enhancement) IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680]</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” response status for OAM LSP Ping</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R13)
	<p>Tests. [587682]</p> <p>(PTS 587683) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) Video ISA MDA. 5620 SAM does not support the Video ISA MDA. If a pre-SAM 7.0R4 release manages a 7750 or 7450 router with configured Video Groups containing ISA-Video group members, then invalid LAG entries will appear in SAM. The LAGs will incorrectly appear in the SAM Equipment tree with LAG IDs greater than 200. Furthermore, if the router has VPLS, IES or VPRN services that have configured video interfaces and associated video interface address(es), then invalid L2/L3 access interfaces and addresses will appear for these services. Attempting to modify or delete these LAGs, access interfaces or addresses via SAM will result in failed deployments.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R13)
	<p>(Feature Enhancement) Fast Channel Change Server. 5620 SAM does not support the Fast Channel Change Server.</p> <p>(Feature Enhancement) RETransmission Client and Server. 5620 SAM does not support the Retransmission Client and Server for Video ISA.</p> <p>(Feature Enhancement) LSR IP Load Balancing. 5620 SAM does not support LSR IP load balancing.</p> <p>(Feature Enhancement) SLA-Profile Based Egress Remarking. 5620 SAM does not support 'Egress QoS marking from SAP' for Subscriber Management SLA-Profiles.</p> <p>(Feature Enhancement) ESM on VSM (CCAG Use Origin SAP). 5620 SAM does not support ESM on VSM (CCAG Use Origin SAP) functionality for Group Interfaces on IES services.</p> <p>(Feature Enhancement) Configurable CFM Thresholds. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds.</p> <p>(Feature Enhancement) PBB Access Dual Homing. 5620 SAM does not support PBB Access Dual Homing.</p> <p>(Feature Enhancement) G.8031 Protected Ethernet Tunnels. 5620 SAM does not support G.8031 Protected Ethernet Tunnels.</p> <p>(Feature Enhancement) TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) 1-Port 10G DWDM Tunable MDA. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA.</p> <p>(Feature Enhancement) 1-Port 10G HS (High Scale) MDA. 5620 SAM does not support the 1-Port 10G HS (High Scale) MDA.</p> <p>(Feature Enhancement) H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LAG Support for HS-MDA. 5620 SAM does not support LAG's for HS-MDA ports.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) LDP over RSVP without Area-Boundary for IS-IS. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R13)
	<p>(Feature Enhancement) OAM (Dying Gasp trap). 5620 SAM does not support “Dying gasp Trap” for OAM.</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) IGMP Host-Tracking. 5620 SAM does not support IGMP Host Tracking on IES services, including subscriber interfaces. It is also not supported on VPLS service.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R13)
	5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 91: 7450 ESS 7.0 R12

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R12)
5620 SAM 8.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change. Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations.</p> <p>In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement.</p> <p>Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678]</p> <p>(Feature Enhancement) AA Subscriber Accounting Statistics Data Loss Alarm. 5620 SAM does not support the Application Assurance Subscriber Accounting Statistics Data Loss Alarm. [587679]</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” reponse status for OAM LSP Ping Tests. [587682]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R12)
	<p>Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R12)
	<p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(PTS 588751) ESM Local User Database. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751]</p> <p>(Feature Enhancement) AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change. Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations.</p> <p>In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement.</p> <p>Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678]</p> <p>(Feature Enhancement) AA Subscriber Accounting Statistics Data Loss Alarm. 5620 SAM does not support the Application Assurance Subscriber Accounting Statistics Data Loss Alarm. [587679]</p> <p>(Feature Enhancement) IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680]</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R12)
	<p>SAM does not support the “Packet Size Too Big” reponse status for OAM LSP Ping Tests. [587682]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG’s for HS-MDA’s LDP FEC Statistics.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R12)
	<p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R12)
5620 SAM 8.0 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(PTS 588751) ESM Local User Database. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751]</p> <p>(Feature Enhancement) AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change. Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations.</p> <p>In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement.</p> <p>Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678]</p> <p>(Feature Enhancement) AA Subscriber Accounting Statistics Data Loss Alarm. 5620 SAM does not support the Application Assurance Subscriber Accounting Statistics Data Loss Alarm. [587679]</p> <p>(Feature Enhancement) IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680]</p> <p>(Feature Enhancement) OAM LSP Ping 'Packet Size Too Big' Response Status. 5620 SAM does not support the "Packet Size Too Big" response status for OAM LSP Ping Tests. [587682]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R12)
	<p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R12)
	<p>support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R7 through R8	<p>Network element supported with the following limitations:</p> <p>(PTS 588751) ESM Local User Database. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751]</p> <p>(Feature Enhancement) AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change. Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations.</p> <p>In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R12)
	<p>support for this enhancement.</p> <p>Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678]</p> <p>(Feature Enhancement) AA Subscriber Accounting Statistics Data Loss Alarm. 5620 SAM does not support the Application Assurance Subscriber Accounting Statistics Data Loss Alarm. [587679]</p> <p>(Feature Enhancement) IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680]</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” reponse status for OAM LSP Ping Tests. [587682]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R12)
	<p>Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p>

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	<p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R6	<p>Network element supported with the following limitations:</p> <p>(PTS 588751) ESM Local User Database. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751]</p> <p>(Feature Enhancement) AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change. Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations.</p> <p>In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement.</p> <p>Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678]</p> <p>(Feature Enhancement) AA Subscriber Accounting Statistics Data Loss Alarm. 5620 SAM does not support the Application Assurance Subscriber Accounting Statistics Data Loss Alarm. [587679]</p> <p>(Feature Enhancement) IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680]</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620</p>

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	<p>SAM does not support the “Packet Size Too Big” reponse status for OAM LSP Ping Tests. [587682]</p> <p>(PTS 587683) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R12)
	<p>tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R12)
	<p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R5	<p>Network element supported with the following limitations:</p> <p>(PTS 588751) ESM Local User Database. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751]</p> <p>(Feature Enhancement) AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change. Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations.</p> <p>In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement.</p> <p>Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678]</p> <p>(Feature Enhancement) AA Subscriber Accounting Statistics Data Loss Alarm. 5620 SAM does not support the Application Assurance Subscriber Accounting Statistics Data Loss Alarm. [587679]</p> <p>(Feature Enhancement) IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680]</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” response status for OAM LSP Ping Tests. [587682]</p> <p>(PTS 587683) Obsolete OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683]</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R12)
	<p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R12)
	<p>(Feature Enhancement) Long Channel Descriptions. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths. A maximum of 80 character descriptions are currently supported.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R12)
	<p>support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R4	<p>Network element supported with the following limitations:</p> <p>(PTS 588751) ESM Local User Database. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751]</p> <p>(Feature Enhancement) AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change. Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations.</p> <p>In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement.</p> <p>Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678]</p> <p>(Feature Enhancement) AA Subscriber Accounting Statistics Data Loss Alarm. 5620 SAM does not support the Application Assurance Subscriber Accounting Statistics Data Loss Alarm. [587679]</p> <p>(Feature Enhancement) IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680]</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” response status for OAM LSP Ping Tests. [587682]</p> <p>(PTS 587683) Obsolete OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R12)
	<p>history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683]</p> <p>(PTS 584368) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) Multi-Service Integrated Services Adapter. 5620 SAM does not support the Multi-Service Integrated Services Adapter (MS-ISA, MS-ISA-E).</p> <p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R12)
	<p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) Long Channel Descriptions. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths. A maximum of 80 character descriptions are currently supported.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R12)
	<p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(PTS 588751) ESM Local User Database. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751]</p> <p>(Feature Enhancement) AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change. Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations.</p> <p>In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement.</p> <p>Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678]</p> <p>(Feature Enhancement) AA Subscriber Accounting Statistics Data Loss Alarm. 5620</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R12)
	<p>SAM does not support the Application Assurance Subscriber Accounting Statistics Data Loss Alarm. [587679]</p> <p>(Feature Enhancement) IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680]</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” response status for OAM LSP Ping Tests. [587682]</p> <p>(PTS 587683) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a ‘Target Type’ of ‘Any LSP’ with a non-0.0.0.0 ‘Destination Path Address’ defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) Video ISA MDA. 5620 SAM does not support the Video ISA MDA. If a pre-SAM 7.0R4 release manages a 7750 or 7450 router with configured</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R12)
	<p>Video Groups containing ISA-Video group members, then invalid LAG entries will appear in SAM. The LAGs will incorrectly appear in the SAM Equipment tree with LAG IDs greater than 200. Furthermore, if the router has VPLS, IES or VPRN services that have configured video interfaces and associated video interface address(es), then invalid L2/L3 access interfaces and addresses will appear for these services. Attempting to modify or delete these LAGs, access interfaces or addresses via SAM will result in failed deployments.</p> <p>(Feature Enhancement) Fast Channel Change Server. 5620 SAM does not support the Fast Channel Change Server.</p> <p>(Feature Enhancement) RETransmission Client and Server. 5620 SAM does not support the Retransmission Client and Server for Video ISA.</p> <p>(Feature Enhancement) LSR IP Load Balancing. 5620 SAM does not support LSR IP load balancing.</p> <p>(Feature Enhancement) SLA-Profile Based Egress Remarking. 5620 SAM does not support 'Egress QoS marking from SAP' for Subscriber Management SLA-Profiles.</p> <p>(Feature Enhancement) ESM on VSM (CCAG Use Origin SAP). 5620 SAM does not support ESM on VSM (CCAG Use Origin SAP) functionality for Group Interfaces on IES services.</p> <p>(Feature Enhancement) Configurable CFM Thresholds. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds.</p> <p>(Feature Enhancement) PBB Access Dual Homing. 5620 SAM does not support PBB Access Dual Homing.</p> <p>(Feature Enhancement) G.8031 Protected Ethernet Tunnels. 5620 SAM does not support G.8031 Protected Ethernet Tunnels.</p> <p>(Feature Enhancement) TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) 1-Port 10G DWDM Tunable MDA. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA.</p> <p>(Feature Enhancement) 1-Port 10G HS (High Scale) MDA. 5620 SAM does not support the 1-Port 10G HS (High Scale) MDA.</p> <p>(Feature Enhancement) H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LAG Support for HS-MDA. 5620 SAM does not support LAG's for HS-MDA ports.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) LDP over RSVP without Area-Boundary for IS-IS. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R12)
	<p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) OAM (Dying Gasp trap). 5620 SAM does not support “Dying gasp Trap” for OAM.</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) IGMP Host-Tracking. 5620 SAM does not support IGMP Host Tracking on IES services, including subscriber interfaces. It is also not supported on VPLS service.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R12)
	<p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 92: 7450 ESS 7.0 R10 through R11

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R10 through R11)
5620 SAM 8.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change. Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations.</p> <p>In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement.</p> <p>Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678]</p> <p>(Feature Enhancement) AA Subscriber Accounting Statistics Data Loss Alarm. 5620 SAM does not support the Application Assurance Subscriber Accounting Statistics Data Loss Alarm. [587679]</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” response status for OAM LSP Ping Tests. [587682]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R10 through R11)
	<p>Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R10 through R11)
	<p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change. Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations.</p> <p>In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement.</p> <p>Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678]</p> <p>(Feature Enhancement) AA Subscriber Accounting Statistics Data Loss Alarm. 5620 SAM does not support the Application Assurance Subscriber Accounting Statistics Data Loss Alarm. [587679]</p> <p>(Feature Enhancement) IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680]</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” response status for OAM LSP Ping Tests. [587682]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R10 through R11)
	<p>support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R10 through R11)
	<p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R10 through R11)
5620 SAM 8.0 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change. Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations.</p> <p>In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement.</p> <p>Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678]</p> <p>(Feature Enhancement) AA Subscriber Accounting Statistics Data Loss Alarm. 5620 SAM does not support the Application Assurance Subscriber Accounting Statistics Data Loss Alarm. [587679]</p> <p>(Feature Enhancement) IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680]</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” response status for OAM LSP Ping Tests. [587682]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544]</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R10 through R11)
	<p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R10 through R11)
	<p>MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R7 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change. Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations.</p> <p>In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement.</p> <p>Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678]</p> <p>(Feature Enhancement) AA Subscriber Accounting Statistics Data Loss Alarm. 5620 SAM does not support the Application Assurance Subscriber Accounting Statistics Data Loss Alarm. [587679]</p> <p>(Feature Enhancement) IOM Card Fail-On-Error. 5620 SAM does not support fail-on-</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R10 through R11)
	<p>error for IOM Cards. [587680]</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” reponse status for OAM LSP Ping Tests. [587682]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R10 through R11)
	<p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R10 through R11)
	<p>longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R6	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change. Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations.</p> <p>In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement.</p> <p>Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678]</p> <p>(Feature Enhancement) AA Subscriber Accounting Statistics Data Loss Alarm. 5620 SAM does not support the Application Assurance Subscriber Accounting Statistics Data Loss Alarm. [587679]</p> <p>(Feature Enhancement) IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680]</p> <p>(Feature Enhancement) OAM LSP Ping 'Packet Size Too Big' Response Status. 5620 SAM does not support the "Packet Size Too Big" response status for OAM LSP Ping Tests. [587682]</p> <p>(PTS 587683) Obsolete OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R10 through R11)
	<p>statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R10 through R11)
	<p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R10 through R11)
	<p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change. Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations.</p> <p>In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement.</p> <p>Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678]</p> <p>(Feature Enhancement) AA Subscriber Accounting Statistics Data Loss Alarm. 5620 SAM does not support the Application Assurance Subscriber Accounting Statistics Data Loss Alarm. [587679]</p> <p>(Feature Enhancement) IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680]</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” response status for OAM LSP Ping Tests. [587682]</p> <p>(PTS 587683) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSR. 5620 SAM does not support per channel statistics for duplicate synchronization source</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R10 through R11)
	<p>(SSRC). [576532]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) Long Channel Descriptions. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths. A maximum of 80 character descriptions are currently supported.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R10 through R11)
	<p>support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R10 through R11)
	startup.
5620 SAM 7.0 R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change. Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations.</p> <p>In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement.</p> <p>Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678]</p> <p>(Feature Enhancement) AA Subscriber Accounting Statistics Data Loss Alarm. 5620 SAM does not support the Application Assurance Subscriber Accounting Statistics Data Loss Alarm. [587679]</p> <p>(Feature Enhancement) IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680]</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” response status for OAM LSP Ping Tests. [587682]</p> <p>(PTS 587683) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683]</p> <p>(PTS 584368) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSR.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R10 through R11)
	<p>5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) Multi-Service Integrated Services Adapter. 5620 SAM does not support the Multi-Service Integrated Services Adapter (MS-ISA, MS-ISA-E).</p> <p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) Long Channel Descriptions. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths. A maximum of 80 character descriptions are currently supported.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R10 through R11)
	<p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R10 through R11)
	<p>not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change. Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations.</p> <p>In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement.</p> <p>Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678]</p> <p>(Feature Enhancement) AA Subscriber Accounting Statistics Data Loss Alarm. 5620 SAM does not support the Application Assurance Subscriber Accounting Statistics Data Loss Alarm. [587679]</p> <p>(Feature Enhancement) IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680]</p> <p>(Feature Enhancement) OAM LSP Ping 'Packet Size Too Big' Response Status. 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682]</p> <p>(PTS 587683) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R10 through R11)
	<p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) Video ISA MDA. 5620 SAM does not support the Video ISA MDA. If a pre-SAM 7.0R4 release manages a 7750 or 7450 router with configured Video Groups containing ISA-Video group members, then invalid LAG entries will appear in SAM. The LAGs will incorrectly appear in the SAM Equipment tree with LAG IDs greater than 200. Furthermore, if the router has VPLS, IES or VPRN services that have configured video interfaces and associated video interface address(es), then invalid L2/L3 access interfaces and addresses will appear for these services. Attempting to modify or delete these LAGs, access interfaces or addresses via SAM will result in failed deployments.</p> <p>(Feature Enhancement) Fast Channel Change Server. 5620 SAM does not support the Fast Channel Change Server.</p> <p>(Feature Enhancement) RETransmission Client and Server. 5620 SAM does not support the Retransmission Client and Server for Video ISA.</p> <p>(Feature Enhancement) LSR IP Load Balancing. 5620 SAM does not support LSR IP load balancing.</p> <p>(Feature Enhancement) SLA-Profile Based Egress Remarking. 5620 SAM does not support 'Egress QoS marking from SAP' for Subscriber Management SLA-Profiles.</p> <p>(Feature Enhancement) ESM on VSM (CCAG Use Origin SAP). 5620 SAM does not support ESM on VSM (CCAG Use Origin SAP) functionality for Group Interfaces on IES services.</p> <p>(Feature Enhancement) Configurable CFM Thresholds. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds.</p> <p>(Feature Enhancement) PBB Access Dual Homing. 5620 SAM does not support PBB Access Dual Homing.</p> <p>(Feature Enhancement) G.8031 Protected Ethernet Tunnels. 5620 SAM does not support G.8031 Protected Ethernet Tunnels.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R10 through R11)
	<p>(Feature Enhancement) TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) 1-Port 10G DWDM Tunable MDA. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA.</p> <p>(Feature Enhancement) 1-Port 10G HS (High Scale) MDA. 5620 SAM does not support the 1-Port 10G HS (High Scale) MDA.</p> <p>(Feature Enhancement) H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LAG Support for HS-MDA. 5620 SAM does not support LAG's for HS-MDA ports.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) LDP over RSVP without Area-Boundary for IS-IS. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) OAM (Dying Gasp trap). 5620 SAM does not support "Dying gasp Trap" for OAM.</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) IGMP Host-Tracking. 5620 SAM does not support IGMP Host Tracking on IES services, including subscriber interfaces. It is also not supported on VPLS service.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R10 through R11)
	<p>SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 93: 7450 ESS 7.0 R8 through R9

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R8 through R9)
5620 SAM 8.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R8 through R9)
	<p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R8 through R9)
	indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R8 through R9)
	<p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R8 through R9)
	indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R8 through R9)
	<p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R8 through R9)
	<p>Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R6 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSR. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R8 through R9)
	<p>ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R8 through R9)
	<p>Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R8 through R9)
	<p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) Long Channel Descriptions. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths. A maximum of 80 character descriptions are currently supported.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R8 through R9)
	<p>ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R8 through R9)
	<p>the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) Multi-Service Integrated Services Adapter. 5620 SAM does not support the Multi-Service Integrated Services Adapter (MS-ISA, MS-ISA-E).</p> <p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) Long Channel Descriptions. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths. A maximum of 80 character descriptions are currently supported.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R8 through R9)
	<p>(Feature Enhancement) TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R8 through R9)
	<p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R8 through R9)
	<p>support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) Video ISA MDA. 5620 SAM does not support the Video ISA MDA. If a pre-SAM 7.0R4 release manages a 7750 or 7450 router with configured Video Groups containing ISA-Video group members, then invalid LAG entries will appear in SAM. The LAGs will incorrectly appear in the SAM Equipment tree with LAG IDs greater than 200. Furthermore, if the router has VPLS, IES or VPRN services that have configured video interfaces and associated video interface address(es), then invalid L2/L3 access interfaces and addresses will appear for these services. Attempting to modify or delete these LAGs, access interfaces or addresses via SAM will result in failed deployments.</p> <p>(Feature Enhancement) Fast Channel Change Server. 5620 SAM does not support the Fast Channel Change Server.</p> <p>(Feature Enhancement) RETransmission Client and Server. 5620 SAM does not support the Retransmission Client and Server for Video ISA.</p> <p>(Feature Enhancement) LSR IP Load Balancing. 5620 SAM does not support LSR IP load balancing.</p> <p>(Feature Enhancement) SLA-Profile Based Egress Marking. 5620 SAM does not support 'Egress QoS marking from SAP' for Subscriber Management SLA-Profiles.</p> <p>(Feature Enhancement) ESM on VSM (CCAG Use Origin SAP). 5620 SAM does not support ESM on VSM (CCAG Use Origin SAP) functionality for Group Interfaces on IES services.</p> <p>(Feature Enhancement) Configurable CFM Thresholds. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds.</p> <p>(Feature Enhancement) PBB Access Dual Homing. 5620 SAM does not support PBB Access Dual Homing.</p> <p>(Feature Enhancement) G.8031 Protected Ethernet Tunnels. 5620 SAM does not support G.8031 Protected Ethernet Tunnels.</p> <p>(Feature Enhancement) TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) 1-Port 10G DWDM Tunable MDA. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA.</p> <p>(Feature Enhancement) 1-Port 10G HS (High Scale) MDA. 5620 SAM does not support the 1-Port 10G HS (High Scale) MDA.</p> <p>(Feature Enhancement) H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LAG Support for HS-MDA. 5620 SAM does not support LAG's for HS-MDA ports.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) LDP over RSVP without Area-Boundary for IS-IS. 5620 SAM</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R8 through R9)
	<p>does not support LDP over RSVP without Area-Boundary for IS-IS.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) OAM (Dying Gasp trap). 5620 SAM does not support “Dying gasp Trap” for OAM.</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) IGMP Host-Tracking. 5620 SAM does not support IGMP Host Tracking on IES services, including subscriber interfaces. It is also not supported on VPLS service.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R8 through R9)
	<p>5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 94: 7450 ESS 7.0 R7

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R7)
5620 ASM 8.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R7)
	<p>support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R7)
	startup.
5620 SAM 8.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R7)
	<p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R7)
	indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R7)
	<p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R7)
	<p>Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R6 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R7)
	<p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R7)
	<p>support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R7)
	<p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) Long Channel Descriptions. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths. A maximum of 80 character descriptions are currently supported.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R7)
	<p>support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R7)
5620 SAM 7.0 R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) Multi-Service Integrated Services Adapter. 5620 SAM does not support the Multi-Service Integrated Services Adapter (MS-ISA, MS-ISA-E).</p> <p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R7)
	<p>(Feature Enhancement) Long Channel Descriptions. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths. A maximum of 80 character descriptions are currently supported.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChName.</p> <p>(Feature Enhancement) TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R7)
	<p>Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R7)
	<p>Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) Video ISA MDA. 5620 SAM does not support the Video ISA MDA. If a pre-SAM 7.0R4 release manages a 7750 or 7450 router with configured Video Groups containing ISA-Video group members, then invalid LAG entries will appear in SAM. The LAGs will incorrectly appear in the SAM Equipment tree with LAG IDs greater than 200. Furthermore, if the router has VPLS, IES or VPRN services that have configured video interfaces and associated video interface address(es), then invalid L2/L3 access interfaces and addresses will appear for these services. Attempting to modify or delete these LAGs, access interfaces or addresses via SAM will result in failed deployments.</p> <p>(Feature Enhancement) Fast Channel Change Server. 5620 SAM does not support the Fast Channel Change Server.</p> <p>(Feature Enhancement) RETransmission Client and Server. 5620 SAM does not support the Retransmission Client and Server for Video ISA.</p> <p>(Feature Enhancement) LSR IP Load Balancing. 5620 SAM does not support LSR IP load balancing.</p> <p>(Feature Enhancement) SLA-Profile Based Egress Remarking. 5620 SAM does not support 'Egress QoS marking from SAP' for Subscriber Management SLA-Profiles.</p> <p>(Feature Enhancement) ESM on VSM (CCAG Use Origin SAP). 5620 SAM does not support ESM on VSM (CCAG Use Origin SAP) functionality for Group Interfaces on IES services.</p> <p>(Feature Enhancement) Configurable CFM Thresholds. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds.</p> <p>(Feature Enhancement) PBB Access Dual Homing. 5620 SAM does not support PBB Access Dual Homing.</p> <p>(Feature Enhancement) G.8031 Protected Ethernet Tunnels. 5620 SAM does not support G.8031 Protected Ethernet Tunnels.</p> <p>(Feature Enhancement) TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) 1-Port 10G DWDM Tunable MDA. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA.</p> <p>(Feature Enhancement) 1-Port 10G HS (High Scale) MDA. 5620 SAM does not support the 1-Port 10G HS (High Scale) MDA.</p> <p>(Feature Enhancement) H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LAG Support for HS-MDA. 5620 SAM does not support LAG's for HS-MDA ports.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R7)
	<p>MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) LDP over RSVP without Area-Boundary for IS-IS. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) OAM (Dying Gasp trap). 5620 SAM does not support "Dying gasp Trap" for OAM.</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) IGMP Host-Tracking. 5620 SAM does not support IGMP Host Tracking on IES services, including subscriber interfaces. It is also not supported on VPLS service.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R7)
	<p>not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 95: 7450 ESS 7.0 R6

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R6)
5620 SAM 8.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R6)
	<p>support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R6)
	<p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R6)
	<p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R6)
	<p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R6)
	<p>not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R6 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R6)
	<p>support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R6)
	startup.
5620 SAM 7.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) Long Channel Descriptions. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths. A maximum of 80 character descriptions are currently supported.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R6)
	<p>SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R6)
	5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) Multi-Service Integrated Services Adapter. 5620 SAM does not support the Multi-Service Integrated Services Adapter (MS-ISA, MS-ISA-E).</p> <p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) Long Channel Descriptions. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths. A maximum of 80 character descriptions are currently supported.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R6)
	<p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R6)
	<p>Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) Video ISA MDA. 5620 SAM does not support the Video ISA MDA. If a pre-SAM 7.0R4 release manages a 7750 or 7450 router with configured Video Groups containing ISA-Video group members, then invalid LAG entries will appear in SAM. The LAGs will incorrectly appear in the SAM Equipment tree with LAG IDs greater than 200. Furthermore, if the router has VPLS, IES or VPRN services that have configured video interfaces and associated video interface address(es), then invalid L2/L3 access interfaces and addresses will appear for these services. Attempting to modify or delete these LAGs, access interfaces or addresses via SAM will result in failed deployments.</p> <p>(Feature Enhancement) Fast Channel Change Server. 5620 SAM does not support the Fast Channel Change Server.</p> <p>(Feature Enhancement) RETransmission Client and Server. 5620 SAM does not support the Retransmission Client and Server for Video ISA.</p> <p>(Feature Enhancement) LSR IP Load Balancing. 5620 SAM does not support LSR IP load balancing.</p> <p>(Feature Enhancement) SLA-Profile Based Egress Remarking. 5620 SAM does not support 'Egress QoS marking from SAP' for Subscriber Management SLA-Profiles.</p> <p>(Feature Enhancement) ESM on VSM (CCAG Use Origin SAP). 5620 SAM does not support ESM on VSM (CCAG Use Origin SAP) functionality for Group Interfaces on IES services.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R6)
	<p>(Feature Enhancement) Configurable CFM Thresholds. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds.</p> <p>(Feature Enhancement) PBB Access Dual Homing. 5620 SAM does not support PBB Access Dual Homing.</p> <p>(Feature Enhancement) G.8031 Protected Ethernet Tunnels. 5620 SAM does not support G.8031 Protected Ethernet Tunnels.</p> <p>(Feature Enhancement) TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) 1-Port 10G DWDM Tunable MDA. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA.</p> <p>(Feature Enhancement) 1-Port 10G HS (High Scale) MDA. 5620 SAM does not support the 1-Port 10G HS (High Scale) MDA.</p> <p>(Feature Enhancement) H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LAG Support for HS-MDA. 5620 SAM does not support LAG's for HS-MDA ports.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) LDP over RSVP without Area-Boundary for IS-IS. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) OAM (Dying Gasp trap). 5620 SAM does not support "Dying gasp Trap" for OAM.</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) IGMP Host-Tracking. 5620 SAM does not support IGMP Host Tracking on IES services, including subscriber interfaces. It is also not supported on VPLS service.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R6)
	<p>Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 96: 7450 ESS 7.0 R5

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R5)
5620 SAM 8.0 R3 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R5)
	<p>replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG’s for HS-MDA’s LDP FEC Statistics.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R5)
	<p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R5)
	indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R6 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R5)
	<p>PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R5)
	<p>(Feature Enhancement) Long Channel Descriptions. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths. A maximum of 80 character descriptions are currently supported.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChName.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R5)
	<p>support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Multi-Service Integrated Services Adapter. 5620 SAM does not support the Multi-Service Integrated Services Adapter (MS-ISA, MS-ISA-E).</p> <p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p> <p>(Feature Enhancement) Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) Long Channel Descriptions. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths. A maximum of 80 character descriptions are currently supported.</p> <p>(Feature Enhancement) ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName.</p> <p>(Feature Enhancement) TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R5)
	<p>5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R5)
	<p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Video ISA MDA. 5620 SAM does not support the Video ISA MDA. If a pre-SAM 7.0R4 release manages a 7750 or 7450 router with configured Video Groups containing ISA-Video group members, then invalid LAG entries will appear in SAM. The LAGs will incorrectly appear in the SAM Equipment tree with LAG IDs greater than 200. Furthermore, if the router has VPLS, IES or VPRN services that have configured video interfaces and associated video interface address(es), then invalid L2/L3 access interfaces and addresses will appear for these services. Attempting to modify or delete these LAGs, access interfaces or addresses via SAM will result in failed deployments.</p> <p>(Feature Enhancement) Fast Channel Change Server. 5620 SAM does not support the Fast Channel Change Server.</p> <p>(Feature Enhancement) RETransmission Client and Server. 5620 SAM does not support the Retransmission Client and Server for Video ISA.</p> <p>(Feature Enhancement) LSR IP Load Balancing. 5620 SAM does not support LSR IP load balancing.</p> <p>(Feature Enhancement) SLA-Profile Based Egress Marking. 5620 SAM does not support 'Egress QoS marking from SAP' for Subscriber Management SLA-Profiles.</p> <p>(Feature Enhancement) ESM on VSM (CCAG Use Origin SAP). 5620 SAM does not support ESM on VSM (CCAG Use Origin SAP) functionality for Group Interfaces on IES services.</p> <p>(Feature Enhancement) Configurable CFM Thresholds. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds.</p> <p>(Feature Enhancement) PBB Access Dual Homing. 5620 SAM does not support PBB Access Dual Homing.</p> <p>(Feature Enhancement) G.8031 Protected Ethernet Tunnels. 5620 SAM does not support G.8031 Protected Ethernet Tunnels.</p> <p>(Feature Enhancement) TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) 1-Port 10G DWDM Tunable MDA. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA.</p> <p>(Feature Enhancement) 1-Port 10G HS (High Scale) MDA. 5620 SAM does not support the 1-Port 10G HS (High Scale) MDA.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R5)
	<p>(Feature Enhancement) H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LAG Support for HS-MDA. 5620 SAM does not support LAG's for HS-MDA ports.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) LDP over RSVP without Area-Boundary for IS-IS. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) OAM (Dying Gasp trap). 5620 SAM does not support "Dying gasp Trap" for OAM.</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) IGMP Host-Tracking. 5620 SAM does not support IGMP Host Tracking on IES services, including subscriber interfaces. It is also not supported on VPLS service.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R5)
	<p>replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 97: 7450 ESS 7.0 R4

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R4)
5620 SAM 8.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R4)
	<p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R5 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R4)
	<p>MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG’s for HS-MDA’s LDP FEC Statistics.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R4)
	<p>MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R4)
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Video ISA MDA. 5620 SAM does not support the Video ISA MDA. If a pre-SAM 7.0R4 release manages a 7750 or 7450 router with configured Video Groups containing ISA-Video group members, then invalid LAG entries will appear in SAM. The LAGs will incorrectly appear in the SAM Equipment tree with LAG IDs greater than 200. Furthermore, if the router has VPLS, IES or VPRN services that have configured video interfaces and associated video interface address(es), then invalid L2/L3 access interfaces and addresses will appear for these services. Attempting to modify or delete these LAGs, access interfaces or addresses via SAM will result in failed deployments.</p> <p>(Feature Enhancement) Fast Channel Change Server. 5620 SAM does not support the Fast Channel Change Server.</p> <p>(Feature Enhancement) RETransmission Client and Server. 5620 SAM does not support the Retransmission Client and Server for Video ISA.</p> <p>(Feature Enhancement) LSR IP Load Balancing. 5620 SAM does not support LSR IP load balancing.</p> <p>(Feature Enhancement) SLA-Profile Based Egress Marking. 5620 SAM does not support 'Egress QoS marking from SAP' for Subscriber Management SLA-Profiles.</p> <p>(Feature Enhancement) ESM on VSM (CCAG Use Origin SAP). 5620 SAM does not support ESM on VSM (CCAG Use Origin SAP) functionality for Group Interfaces on IES services.</p> <p>(Feature Enhancement) Configurable CFM Thresholds. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds.</p> <p>(Feature Enhancement) PBB Access Dual Homing. 5620 SAM does not support PBB Access Dual Homing.</p> <p>(Feature Enhancement) G.8031 Protected Ethernet Tunnels. 5620 SAM does not support G.8031 Protected Ethernet Tunnels.</p> <p>(Feature Enhancement) TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) 1-Port 10G DWDM Tunable MDA. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA.</p> <p>(Feature Enhancement) 1-Port 10G HS (High Scale) MDA. 5620 SAM does not support the 1-Port 10G HS (High Scale) MDA.</p> <p>(Feature Enhancement) H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LAG Support for HS-MDA. 5620 SAM does not support LAG's for HS-MDA ports.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R4)
	<p>(Feature Enhancement) LDP over RSVP without Area-Boundary for IS-IS. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) OAM (Dying Gasp trap). 5620 SAM does not support “Dying gasp Trap” for OAM.</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) IGMP Host-Tracking. 5620 SAM does not support IGMP Host Tracking on IES services, including subscriber interfaces. It is also not supported on VPLS service.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R4)
	<p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 98: 7450 ESS 7.0 R3

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R3)
5620 SAM 8.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R3)
	<p>longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) 1-Port 10G DWDM Tunable MDA. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA.</p>
5620 SAM 7.0 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R3)
	<p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) 1-Port 10G DWDM Tunable MDA. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA.</p>
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) 1-Port 10G DWDM Tunable MDA. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA.</p> <p>(Feature Enhancement) 1-Port 10G HS (High Scale) MDA. 5620 SAM does not support the 1-Port 10G HS (High Scale) MDA.</p> <p>(Feature Enhancement) H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LAG Support for HS-MDA. 5620 SAM does not support LAG’s for HS-MDA ports.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG’s for HS-MDA’s LDP FEC Statistics.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) LDP over RSVP without Area-Boundary for IS-IS. 5620 SAM</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R3)
	<p>does not support LDP over RSVP without Area-Boundary for IS-IS.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) OAM (Dying Gasp trap). 5620 SAM does not support “Dying gasp Trap” for OAM.</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) IGMP Host-Tracking. 5620 SAM does not support IGMP Host Tracking on IES services, including subscriber interfaces. It is also not supported on VPLS service.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R3)
	<p>5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 99: 7450 ESS 7.0 R1 through R2

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R1 through R2)
5620 SAM 8.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R1 through R2)
5620 SAM 7.0 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R1 through R2)
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Alcatel-Lucent 7450 Ethernet Service Switch Release 6.1

Table 100: 7450 ESS 6.1 R18

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R18)
5620 SAM 8.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IPPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [596583]</p> <p>(Feature Enhancement) Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths.</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R18)
	<p>policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R1 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [596583]</p> <p>(Feature Enhancement) Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R18)
	<p>not support the selection state for system timing references. [584367]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths.</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the</p>

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	<p>replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R7 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [596583]</p> <p>(Feature Enhancement) Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths.</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p>

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	<p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p>

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	<p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R6	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IPPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [596583]</p> <p>(Feature Enhancement) Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]</p> <p>(PTS 584368) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths.</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p>

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	<p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the</p>

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	<p>redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R4 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [596583]</p> <p>(Feature Enhancement) Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]</p> <p>(PTS 584368) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths.</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a ‘Target Type’ of ‘Any LSP’ with a non-0.0.0.0 ‘Destination Path Address’ defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support</p>

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	<p>configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system</p>

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	startup..
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [596583]</p> <p>(Feature Enhancement) Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]</p> <p>(PTS 584368) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths.</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a ‘Target Type’ of ‘Any LSP’ with a non-0.0.0.0 ‘Destination Path Address’ defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R18)
	<p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R4	Network element supported with the following limitations:

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R18)
through R8	<p>(Feature Enhancement) IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [596583]</p> <p>(Feature Enhancement) Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]</p> <p>(PTS 584368) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths.</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R18)
	<p>support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [596583]</p> <p>(Feature Enhancement) Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R18)
	<p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]</p> <p>(PTS 584368) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths.</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a ‘Target Type’ of ‘Any LSP’ with a non-0.0.0.0 ‘Destination Path Address’ defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R18)
	<p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R18)
	startup.
5620 SAM 6.1 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [596583]</p> <p>(Feature Enhancement) Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]</p> <p>(PTS 584368) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths.</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a ‘Target Type’ of ‘Any LSP’ with a non-0.0.0.0 ‘Destination Path Address’ defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R18)
	<p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MAF and CPM Filter MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R18)
	<p>Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 101: 7450 ESS 6.1 R17

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R17)
5620 SAM 8.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths.</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R17)
	<p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R1 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R17)
	<p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R17)
	<p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R7 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths.</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R17)
	<p>configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R17)
	startup.
5620 SAM 7.0 R6	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]</p> <p>(PTS 584368) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths.</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R17)
	<p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R4 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R17)
	<p>not support the selection state for system timing references. [584367]</p> <p>(PTS 584368) Obsolete OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths.</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R17)
	<p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup..</p>
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]</p> <p>(PTS 584368) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected,</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R17)
	<p>issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths.</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R17)
	<p>replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]</p> <p>(PTS 584368) Obsolete OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths.</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R17)
	<p>statistics and trap. [576526]</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R17)
	<p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]</p> <p>(PTS 584368) Obsolete OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths.</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a ‘Target Type’ of ‘Any LSP’ with a non-0.0.0.0 ‘Destination Path Address’ defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R17)
	<p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R17)
	<p>support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]</p> <p>(PTS 584368) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths.</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R17)
	<p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurances and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MAF and CPM Filter MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R17)
	<p>5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 102: 7450 ESS 6.1 R15 through R16

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R15 through R16)
5620 SAM 8.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths.</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R15 through R16)
	<p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R1 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths.</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R15 through R16)
	<p>synchronization failures.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R15 through R16)
	5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R7 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths.</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R15 through R16)
	<p>SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R6	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]</p> <p>(PTS 584368) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths.</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R15 through R16)
	<p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R15 through R16)
	<p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R4 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]</p> <p>(PTS 584368) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths.</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R15 through R16)
	<p>support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup..</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R15 through R16)
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]</p> <p>(PTS 584368) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths.</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R15 through R16)
	<p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]</p> <p>(PTS 584368) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R15 through R16)
	<p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R15 through R16)
	<p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]</p> <p>(PTS 584368) Obsolete OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths.</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R15 through R16)
	<p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R15 through R16)
	<p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]</p> <p>(PTS 584368) Obsolete OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths.</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R15 through R16)
	<p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MAF and CPM Filter MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R15 through R16)
	<p>not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 103: 7450 ESS 6.1 R14

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R14)
5620 SAM 8.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths.</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R14)
	<p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R1 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths.</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R14)
	<p>configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R14)
	startup.
5620 SAM 7.0 R6 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths.</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R14)
	<p>5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R4 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths.</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a ‘Target Type’ of ‘Any LSP’ with a non-0.0.0.0 ‘Destination Path Address’ defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R14)
	<p>ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R14)
	<p>not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths.</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R14)
	<p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: <code>powerCycle</code>, <code>clearCard</code>, <code>activitySwitch</code>, <code>configChange</code>, <code>runtimeFail</code>, <code>bootFail</code>, <code>unexpected</code>, <code>issuTimeout</code>, <code>reinserted</code>. [576527]</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R14)
	<p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths.</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R14)
	<p>not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths.</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R14)
	<p>robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R14)
	<p>(Feature Enhancement) tmnCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths.</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R14)
	<p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MAF and CPM Filter MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R14)
	<p>not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

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5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R13)
5620 SAM 8.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R13)
	<p>support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R1 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R13)
	<p>policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R6 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R13)
	<p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R13)
	<p>redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R4 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R13)
	<p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a ‘Target Type’ of ‘Any LSP’ with a non-0.0.0.0 ‘Destination Path Address’ defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R13)
	<p>support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R13)
	<p>redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R13)
	<p>Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R13)
	<p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R13)
	<p>not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statistics and trap. [576526]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R13)
	<p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MAF and CPM Filter MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 105: 7450 ESS 6.1 R12

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R12)
5620 SAM 8.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R12)
	<p>longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R1 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R12)
	<p>MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R6 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R12)
	<p>robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R4 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R12)
	<p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R12)
	<p>longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R12)
	<p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R12)
	<p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R12)
5620 SAM 6.1 R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R12)
	<p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a ‘Target Type’ of ‘Any LSP’ with a non-0.0.0.0 ‘Destination Path Address’ defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R12)
	<p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurrences. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MAF and CPM Filter MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R12)
	<p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 106: 7450 ESS 6.1 R11

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R11)
5620 SAM 8.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R11)
	<p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R1 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R11)
	<p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors,</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R11)
	<p>unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R11)
	<p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R11)
5620 SAM 6.1 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R11)
	<p>5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R11)
	<p>policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R11)
	<p>the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MAF and CPM Filter MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R11)
	<p>support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 107: 7450 ESS 6.1 R9 through R10

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R9 through R10)
5620 SAM 8.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R9 through R10)
	<p>(Feature Enhancement) tmnCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R9 through R10)
	<p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R9 through R10)
	<p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R9 through R10)
	<p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R9 through R10)
5620 SAM 6.1 R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurances and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R9 through R10)
	<p>SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R9 through R10)
	<p>and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MAF and CPM Filter MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R9 through R10)
	<p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 108: 7450 ESS 6.1 R7 through R8

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R7 through R8)
5620 SAM 8.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R7 through R8)
	5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R7 through R8)
	indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R7 through R8)
	<p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R7 through R8)
	<p>not support the tmnCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurrences. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R7 through R8)
	<p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R7 through R8)
	<p>policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MAF and CPM Filter MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 109: 7450 ESS 6.1 R6

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R6)
5620 SAM 8.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R6)
5620 SAM 7.0 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1	Network element supported with the following limitations:

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R6)
through R3	<p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R6)
5620 SAM 6.1 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R6)
	startup.
5620 SAM 6.1 R3	<p>Network element supported with the following limitations:</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R6)
	<p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurrences. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MAF and CPM Filter MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R6)
	<p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 110: 7450 ESS 6.1 R5

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R5)
5620 SAM 8.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R5)
5620 SAM 7.0 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R5)
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R5)
5620 SAM 6.1 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R5)
5620 SAM 6.1 R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R5)
	<p>Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MAF and CPM Filter MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R5)
	<p>5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 111: 7450 ESS 6.1 R4

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R4)
5620 SAM 8.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R4)
	<p>SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R4)
	<p>Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R3 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R4)
5620 SAM 6.1 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) MAF and CPM Filter MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 112: 7450 ESS 6.1 R3

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R3)
5620 SAM 8.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R3)
	<p>longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 113: 7450 ESS 6.1 R1 through R2

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R1 through R2)
5620 SAM 8.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R1 through R2)
	<p>Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Alcatel-Lucent 7450 Ethernet Service Switch Release 6.0

Table 114: 7450 ESS 6.0 R18

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R18)
5620 SAM 8.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359]</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R18)
	<p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R1 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R18)
	<p>PIP (Provider Internal Port) is in the same MST region.</p> <p>(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R7 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R18)
	<p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R18)
	5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R6	<p>Network element supported with the following limitations:</p> <p>(PTS 592021) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [592021]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R18)
	<p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(PTS 592021) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [592021]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]</p> <p>(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a ‘Target Type’ of ‘Any LSP’ with a non-0.0.0.0 ‘Destination Path Address’ defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R18)
	<p>support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R18)
	indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(PTS 592021) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [592021]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R18)
	<p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(PTS 592021) Obsolete OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [592021]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]</p> <p>(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a ‘Target Type’ of ‘Any LSP’ with a non-0.0.0.0 ‘Destination Path Address’ defined. A deployment failure will result upon test deployment.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R18)
	<p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurances and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R18)
	<p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.0 R7 through R8	<p>Network element supported with the following limitations:</p> <p>(PTS 592021) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [592021]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]</p> <p>(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a ‘Target Type’ of ‘Any LSP’ with a non-0.0.0.0 ‘Destination Path Address’ defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R18)
	<p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R18)
	<p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.0 R3 through R6	<p>Network element supported with the following limitations:</p> <p>(PTS 592021) Obsolete OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [592021]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R18)
	<p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R18)
	<p>SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag ‘Out of Resource’. 5620 SAM does not support the operational flag ‘Out of Resource’ for Service Tunnel Bindings.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.0 R2	<p>Network element supported with the following limitations:</p> <p>(PTS 592021) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R18)
	<p>history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [592021]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurrences. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R18)
	<p>5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA).</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES Redundant Interfaces. 5620 SAM does not support IP-MTU for IES redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R18)
	<p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.0 R1	<p>Network element supported with the following limitations:</p> <p>(PTS 592021) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [592021]</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R18)
	<p>last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA).</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R18)
	<p>not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES Redundant Interfaces. 5620 SAM does not support IP-MTU for IES redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 115: 7450 ESS 6.0 R17

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R17)
5620 SAM 8.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359]</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R17)
	<p>not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R1 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R17)
	<p>(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R6 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R17)
	<p>support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R17)
	indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R17)
	<p>replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]</p> <p>(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a ‘Target Type’ of ‘Any LSP’ with a non-0.0.0.0 ‘Destination Path Address’ defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R17)
	<p>plane” is enabled.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R17)
5620 SAM 6.1 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R17)
	<p>support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.0 R7 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: <code>powerCycle</code>, <code>clearCard</code>, <code>activitySwitch</code>, <code>configChange</code>, <code>runtimeFail</code>, <code>bootFail</code>, <code>unexpected</code>,</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R17)
	<p>issuTimeout, reinserted. [584359]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R17)
	<p>threshold exceeded alarms.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag ‘Out of Resource’. 5620 SAM does not support the operational flag ‘Out of Resource’ for Service Tunnel Bindings.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.0 R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R17)
through R6	<p>the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R17)
	<p>replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag ‘Out of Resource’. 5620 SAM does not support the operational flag ‘Out of Resource’ for Service Tunnel Bindings.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R17)
	<p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.0 R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation. Upon creation of a OSPFv2 Routing Instance, a</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R17)
	<p>deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA).</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES Redundant Interfaces. 5620 SAM does not support IP-MTU for IES redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R17)
	<p>Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R17)
	<p>Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA).</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R17)
	<p>not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES Redundant Interfaces. 5620 SAM does not support IP-MTU for IES redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 116: 7450 ESS 6.0 R16

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R16)
5620 SAM 8.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R16)
	<p>5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R1 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R16)
	<p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R6 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R16)
	<p>(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R16)
	<p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R16)
5620 SAM 6.1 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R16)
	<p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a ‘Target Type’ of ‘Any LSP’ with a non-0.0.0.0 ‘Destination Path Address’ defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R16)
	<p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R16)
	<p>redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.0 R7 through R8	<p>Network element supported with the following limitations:</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R16)
	<p>replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag ‘Out of Resource’. 5620 SAM does not support the operational flag ‘Out of Resource’ for Service Tunnel Bindings.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R16)
	<p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.0 R3 through R6	<p>Network element supported with the following limitations:</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R16)
	<p>5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag ‘Out of Resource’. 5620 SAM does not support the operational flag ‘Out of Resource’ for Service Tunnel Bindings.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R16)
	<p>not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.0 R2	<p>Network element supported with the following limitations:</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R16)
	<p>5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA).</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES Redundant Interfaces. 5620 SAM does not support IP-MTU for IES redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R16)
	<p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.0 R1	<p>Network element supported with the following limitations:</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R16)
	<p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA).</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES Redundant Interfaces. 5620 SAM does not support IP-MTU for IES redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R16)
	<p>redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 117: 7450 ESS 6.0 R15

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R15)
5620 SAM 8.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R15)
	<p>5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R1 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support tmnxCpmCardSyncFileNotPresent indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R15)
	<p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R15)
	<p>(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R15)
	<p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R15)
5620 SAM 6.1 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R15)
	<p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.0 R7 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R15)
	<p>interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R15)
	<p>5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.0 R3 through R6	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R15)
	<p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R15)
	<p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.0 R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R15)
	<p>(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA).</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES Redundant Interfaces. 5620 SAM does not support IP-MTU for IES redundant interfaces.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R15)
	<p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurrences. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R15)
	<p>Routing Instance Creation. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA).</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES Redundant Interfaces. 5620 SAM does not support IP-MTU for IES redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R15)
	<p>Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 118: 7450 ESS 6.0 R13 through R14

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R13 through R14)
5620 SAM 8.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R13 through R14)
	<p>5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R13 through R14)
	<p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R13 through R14)
	<p>5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R13 through R14)
	<p>plane” is enabled.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R13 through R14)
	<p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.0 R7 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R13 through R14)
	<p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag ‘Out of Resource’. 5620 SAM does not support the operational flag ‘Out of Resource’ for Service Tunnel Bindings.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R13 through R14)
	5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R3 through R6	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R13 through R14)
	<p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag ‘Out of Resource’. 5620 SAM does not support the operational flag ‘Out of Resource’ for Service Tunnel Bindings.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.0 R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R13 through R14)
	<p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA).</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag ‘Out of Resource’. 5620 SAM does not support the operational flag ‘Out of Resource’ for Service Tunnel</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R13 through R14)
	<p>Bindings.</p> <p>(Feature Enhancement) Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES Redundant Interfaces. 5620 SAM does not support IP-MTU for IES redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R13 through R14)
	<p>robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA).</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R13 through R14)
	<p>does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES Redundant Interfaces. 5620 SAM does not support IP-MTU for IES redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 119: 7450 ESS 6.0 R12

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R12)
5620 SAM 8.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R12)
	<p>Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R12)
	<p>longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R12)
	<p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R12)
	<p>errors for cards and daughtercards.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R12)
5620 SAM 6.0 R7 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R12)
	<p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.0 R3 through R6	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces. 5620 SAM</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R12)
	<p>does not support configuration of VRRP parameters for router interfaces and IES interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R12)
	<p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.0 R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R12)
	<p>errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA).</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R12)
	<p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES Redundant Interfaces. 5620 SAM does not support IP-MTU for IES redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R12)
	<p>any parameters configured will need to be redeployed.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA).</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES Redundant Interfaces. 5620 SAM does not support IP-MTU for IES redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R12)
	<p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 120: 7450 ESS 6.0 R11

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R11)
5620 SAM 8.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R11)
	startup.
5620 SAM 7.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R11)
5620 SAM 6.1 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R11)
	startup.
5620 SAM 6.1 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R11)
	<p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.0 R7 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R11)
	<p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag ‘Out of Resource’. 5620 SAM does not support the operational flag ‘Out of Resource’ for Service Tunnel Bindings.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R11)
5620 SAM 6.0 R3 through R6	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R11)
	<p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.0 R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R11)
	<p>support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA).</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R11)
	<p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES Redundant Interfaces. 5620 SAM does not support IP-MTU for IES redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R11)
	<p>Routing Instance Creation. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA).</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES Redundant Interfaces. 5620 SAM does not support IP-MTU for IES redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R11)
	<p>Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 121: 7450 ESS 6.0 R10

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R10)
5620 SAM 8.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R10)
5620 SAM 7.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R10)
5620 SAM 6.1 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R10)
5620 SAM 6.1 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Additional BSX High Capacity Statistics. 5620 SAM does not support BSX High Capacity statistics for inbound/outbound P-chip errors, unrecoverable errors bytes/packets discarded, bytes/packets without statistics or policy applied, and number of flows seen by BSX daughtercard.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R10)
	<p>redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.0 R7 through R8	<p>Network element supported with the following limitations:</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R10)
	<p>longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.0 R3 through R6	<p>Network element supported with the following limitations:</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R10)
	<p>PIP (Provider Internal Port) is in the same MST region.</p> <p>(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R10)
	<p>not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.0 R2	<p>Network element supported with the following limitations:</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurrences. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA).</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R10)
	<p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES Redundant Interfaces. 5620 SAM does not support IP-MTU for IES redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R10)
5620 SAM 6.0 R1	<p>Network element supported with the following limitations:</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA).</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R10)
	<p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES Redundant Interfaces. 5620 SAM does not support IP-MTU for IES redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 122: 7450 ESS 6.0 R9

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R9)
5620 SAM 8.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R9)
	<p>longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R2 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R9)
5620 SAM 6.1 R1	<p>Network element supported with the following limitations:</p> <p>(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R9)
5620 SAM 6.0 R7 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag ‘Out of Resource’. 5620 SAM does not support the operational flag ‘Out of Resource’ for Service Tunnel Bindings.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R9)
	<p>not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.0 R3 through R6	<p>Network element supported with the following limitations:</p> <p>(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R9)
	<p>not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.0 R2	<p>Network element supported with the following limitations:</p> <p>(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA).</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R9)
	<p>does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES Redundant Interfaces. 5620 SAM does not support IP-MTU for IES redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R9)
5620 SAM 6.0 R1	<p>Network element supported with the following limitations:</p> <p>(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA).</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R9)
	<p>(Feature Enhancement) IP-MTU Support for IES Redundant Interfaces. 5620 SAM does not support IP-MTU for IES redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 123: 7450 ESS 6.0 R7 through R8

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R7 through R8)
5620 SAM 8.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R7 through R8)
	<p>longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R7 through R8)
5620 SAM 6.0 R3 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag ‘Out of Resource’. 5620 SAM does not support the operational flag ‘Out of Resource’ for Service Tunnel Bindings.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R7 through R8)
	<p>not support the tmnCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.0 R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA).</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R7 through R8)
	<p>not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES Redundant Interfaces. 5620 SAM does not support IP-MTU for IES redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA).</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R7 through R8)
	<p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES Redundant Interfaces. 5620 SAM does not support IP-MTU for IES redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 124: 7450 ESS 6.0 R5 through R6

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R5 through R6)
5620 SAM 8.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R5 through R6)
	<p>Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.0 R3 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R5 through R6)
	<p>not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag ‘Out of Resource’. 5620 SAM does not support the operational flag ‘Out of Resource’ for Service Tunnel Bindings.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R5 through R6)
5620 SAM 6.0 R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA).</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES Redundant Interfaces. 5620 SAM does not support IP-MTU for IES redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R5 through R6)
	<p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA).</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R5 through R6)
	<p>(Feature Enhancement) IP-MTU Support for IES Redundant Interfaces. 5620 SAM does not support IP-MTU for IES redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 125: 7450 ESS 6.0 R4

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R4)
5620 SAM 8.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R4)
	<p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.0 R3 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R4)
	<p>redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.0 R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA).</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R4)
	<p>not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES Redundant Interfaces. 5620 SAM does not support IP-MTU for IES redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA).</p> <p>(Feature Enhancement) BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD).</p> <p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R4)
	<p>protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES Redundant Interfaces. 5620 SAM does not support IP-MTU for IES redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 126: 7450 ESS 6.0 R3

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R3)
5620 SAM 8.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R3)
	5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R3 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.0 R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R3)
	<p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES Redundant Interfaces. 5620 SAM does not support IP-MTU for IES redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES Redundant Interfaces. 5620 SAM</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R3)
	<p>does not support IP-MTU for IES redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 127: 7450 ESS 6.0 R2

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R2)
5620 SAM 8.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(PTS 535281) 5620 SAM NE-Schedulable/NE-Persistent STM Test Removal. Upon a full re-synchronization, 7750/7450/7710 6.0 R2 routers may not provide MIB entries on a NE Schedulable or NE Persistent STM test, which may result in 5620 SAM removing tests. Recommendation: Perform manual tests by using regular OAM tests invoked from 5620 SAM. 6.0 R3, and later versions of the router resolve the problem as per the Resolved Issues section of the 7750 SR /7450 ESS /7710 SR 6.0.R3 Software Release Notes.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(PTS 535281) 5620 SAM NE-Schedulable/NE-Persistent STM Test Removal. Upon a full re-synchronization, 7750/7450/7710 6.0 R2 routers may not provide MIB entries on a NE Schedulable or NE Persistent STM test, which may result in 5620 SAM removing tests. Recommendation: Perform manual tests by using regular OAM tests invoked from 5620 SAM. 6.0 R3, and later versions of the router resolve the problem as per the Resolved Issues section of the 7750 SR /7450 ESS /7710 SR 6.0.R3 Software Release Notes.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(PTS 535281) 5620 SAM NE-Schedulable/NE-Persistent STM Test Removal. Upon a full re-synchronization, 7750/7450/7710 6.0 R2 routers may not provide MIB entries on a NE Schedulable or NE Persistent STM test, which may result in 5620 SAM removing tests. Recommendation: Perform manual tests by using regular OAM tests invoked from 5620 SAM. 6.0 R3, and later versions of the router resolve the problem as per the Resolved Issues section of the 7750 SR /7450 ESS /7710 SR 6.0.R3 Software Release Notes.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R2)
5620 SAM 6.0 R2 through R8	<p>Network element supported with the following limitations:</p> <p>(PTS 535281) 5620 SAM NE-Schedulable/NE-Persistent STM Test Removal. Upon a full re-synchronization, 7750/7450/7710 6.0 R2 routers may not provide MIB entries on a NE Schedulable or NE Persistent STM test, which may result in 5620 SAM removing tests. Recommendation: Perform manual tests by using regular OAM tests invoked from 5620 SAM. 6.0 R3, and later versions of the router resolve the problem as per the Resolved Issues section of the 7750 SR /7450 ESS /7710 SR 6.0.R3 Software Release Notes.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.0 R1	<p>Network element supported with the following limitations:</p> <p>(PTS 535281) 5620 SAM NE-Schedulable/NE-Persistent STM Test Removal. Upon a full re-synchronization, 7750/7450/7710 6.0 R2 routers may not provide MIB entries on a NE Schedulable or NE Persistent STM test, which may result in 5620 SAM removing tests. Recommendation: Perform manual tests by using regular OAM tests invoked from 5620 SAM. 6.0 R3, and later versions of the router resolve the problem as per the Resolved Issues section of the 7750 SR /7450 ESS /7710 SR 6.0.R3 Software Release Notes.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 128: 7450 ESS 6.0 R1

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R1)
5620 SAM 8.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.0 R2 through R8	<p>Network element supported with the following limitations:</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.0 R1	<p>Network element supported with the following limitations:</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Alcatel-Lucent 7450 Ethernet Service Switch Release 5.0

Table 129: 7450 ESS 5.0 R23 through R25

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R23 through R25)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R23 through R25)
5620 SAM 6.1 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p>
5620 SAM 6.1 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R23 through R25)
	<p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p>
5620 SAM 6.0 R7 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R23 through R25)
	<p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R23 through R25)
5620 SAM 6.0 R1 through R6	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R23 through R25)
	<p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p>
5620 SAM 5.0 R6 through R11	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) 7450 ESS-6v Chassis. 5620 SAM does not support the 7450 ESS-6v chassis.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R23 through R25)
	<p>(Feature Enhancement) Service Tunnel 'Labels Exhausted' State Cause. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p>
5620 SAM 5.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R23 through R25)
	<p>threshold exceeded alarms.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) 7450 ESS-6v Chassis. 5620 SAM does not support the 7450 ESS-6v chassis.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel 'Labels Exhausted' State Cause. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R23 through R25)
5620 SAM 5.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurrences. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) 7450 ESS-6v Chassis. 5620 SAM does not support the 7450 ESS-6v chassis.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel 'Labels Exhausted' State Cause. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R23 through R25)
	<p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES. 5620 SAM does not support Unnumbered IP Interfaces for IES services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R23 through R25)
	<p>timer configuration for router interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p>
5620 SAM 5.0 R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) 7450 ESS-6v Chassis. 5620 SAM does not support the 7450 ESS-6v chassis.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R23 through R25)
	<p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnmplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel 'Labels Exhausted' State Cause. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) Port-based Egress Scheduling Policies. 5620 SAM does not support Port-based Egress Scheduling Policies.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R23 through R25)
	<p>support Unnumbered IP Interfaces for IES services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) Multicast CAC Extended Support for LAGs. 5620 SAM does not support Multicast CAC extended support for LAGs.</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(PTS 518181) High-Bandwidth IP Multicast MDA. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p>
5620 SAM 5.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R23 through R25)
	<p>not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) 7450 ESS-6v Chassis. 5620 SAM does not support the 7450 ESS-6v chassis.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnmplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel 'Labels Exhausted' State Cause. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R23 through R25)
	<p>startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) Port-based Egress Scheduling Policies. 5620 SAM does not support Port-based Egress Scheduling Policies.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES. 5620 SAM does not support Unnumbered IP Interfaces for IES services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) Multicast CAC Extended Support for LAGs. 5620 SAM does not support Multicast CAC extended support for LAGs.</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(PTS 518181) High-Bandwidth IP Multicast MDA. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p>

Table 130: 7450 ESS 5.0 R22

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R22)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p>
5620 SAM 6.1 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R22)
	<p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p>
5620 SAM 6.1 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R22)
	<p>Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p>
5620 SAM 6.0 R7 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R22)
	<p>not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p>
5620 SAM 6.0 R1 through R6	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R22)
	<p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p>
5620 SAM 5.0 R6 through R11	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R22)
	<p>threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) 7450 ESS-6v Chassis. 5620 SAM does not support the 7450 ESS-6v chassis.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmNxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel 'Labels Exhausted' State Cause. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R22)
5620 SAM 5.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) 7450 ESS-6v Chassis. 5620 SAM does not support the 7450 ESS-6v chassis.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel 'Labels Exhausted' State Cause. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R22)
	<p>Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p>
5620 SAM 5.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) 7450 ESS-6v Chassis. 5620 SAM does not support the 7450 ESS-6v chassis.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R22)
	<p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmrxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel 'Labels Exhausted' State Cause. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R22)
	<p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES. 5620 SAM does not support Unnumbered IP Interfaces for IES services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p>
5620 SAM 5.0 R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R22)
	<p>not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) 7450 ESS-6v Chassis. 5620 SAM does not support the 7450 ESS-6v chassis.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel 'Labels Exhausted' State Cause. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R22)
	<p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) Port-based Egress Scheduling Policies. 5620 SAM does not support Port-based Egress Scheduling Policies.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES. 5620 SAM does not support Unnumbered IP Interfaces for IES services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) Multicast CAC Extended Support for LAGs. 5620 SAM does not support Multicast CAC extended support for LAGs.</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(PTS 518181) High-Bandwidth IP Multicast MDA. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R22)
5620 SAM 5.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) 7450 ESS-6v Chassis. 5620 SAM does not support the 7450 ESS-6v chassis.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel 'Labels Exhausted' State Cause. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R22)
	<p>Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) Port-based Egress Scheduling Policies. 5620 SAM does not support Port-based Egress Scheduling Policies.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES. 5620 SAM does not support Unnumbered IP Interfaces for IES services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) Multicast CAC Extended Support for LAGs. 5620 SAM does not support Multicast CAC extended support for LAGs.</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R22)
	<p>Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(PTS 518181) High-Bandwidth IP Multicast MDA. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p>

Table 131: 7450 ESS 5.0 R21

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R21)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R21)
	<p>Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p>
5620 SAM 6.1 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p>
5620 SAM 6.1 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R21)
	<p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p>
5620 SAM 6.0 R7 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R21)
	<p>threshold exceeded alarms.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p>
5620 SAM 6.0 R1 through R6	<p>Network element supported with the following limitations:</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurrences. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R21)
	<p>not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p>
5620 SAM 5.0 R6 through R11	<p>Network element supported with the following limitations:</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R21)
	<p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) 7450 ESS-6v Chassis. 5620 SAM does not support the 7450 ESS-6v chassis.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel 'Labels Exhausted' State Cause. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R21)
5620 SAM 5.0 R5	<p>Network element supported with the following limitations:</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) 7450 ESS-6v Chassis. 5620 SAM does not support the 7450 ESS-6v chassis.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel 'Labels Exhausted' State Cause. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R21)
	<p>Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p>
5620 SAM 5.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) 7450 ESS-6v Chassis. 5620 SAM does not support the 7450 ESS-6v chassis.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R21)
	<p>not support the TmnmplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel 'Labels Exhausted' State Cause. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES. 5620 SAM does not support Unnumbered IP Interfaces for IES services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R21)
	<p>Replication (EMR).</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p>
5620 SAM 5.0 R2	<p>Network element supported with the following limitations:</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) 7450 ESS-6v Chassis. 5620 SAM does not support the 7450 ESS-6v chassis.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R21)
	<p>Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmNxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel 'Labels Exhausted' State Cause. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) Port-based Egress Scheduling Policies. 5620 SAM does not support Port-based Egress Scheduling Policies.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R21)
	<p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES. 5620 SAM does not support Unnumbered IP Interfaces for IES services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) Multicast CAC Extended Support for LAGs. 5620 SAM does not support Multicast CAC extended support for LAGs.</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(PTS 518181) High-Bandwidth IP Multicast MDA. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p>
5620 SAM 5.0 R1	<p>Network element supported with the following limitations:</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R21)
	<p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) 7450 ESS-6v Chassis. 5620 SAM does not support the 7450 ESS-6v chassis.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel 'Labels Exhausted' State Cause. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R21)
	<p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) Port-based Egress Scheduling Policies. 5620 SAM does not support Port-based Egress Scheduling Policies.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES. 5620 SAM does not support Unnumbered IP Interfaces for IES services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) Multicast CAC Extended Support for LAGs. 5620 SAM does not support Multicast CAC extended support for LAGs.</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(PTS 518181) High-Bandwidth IP Multicast MDA. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p>

Table 132: 7450 ESS 5.0 R16 through R20

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R16 through R20)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p>
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R16 through R20)
	<p>(Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p>
5620 SAM 6.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R16 through R20)
	<p>Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p>
5620 SAM 5.0 R6 through R11	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) 7450 ESS-6v Chassis. 5620 SAM does not support the 7450 ESS-6v chassis.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel 'Labels Exhausted' State Cause. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R16 through R20)
	<p>Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p>
5620 SAM 5.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) 7450 ESS-6v Chassis. 5620 SAM does not support the 7450 ESS-6v chassis.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel 'Labels Exhausted' State Cause. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R16 through R20)
	<p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p>
5620 SAM 5.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) 7450 ESS-6v Chassis. 5620 SAM does not support the 7450 ESS-6v chassis.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnxMplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel ‘Labels Exhausted’ State Cause. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R16 through R20)
	<p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES. 5620 SAM does not support Unnumbered IP Interfaces for IES services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R16 through R20)
	<p>interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p>
5620 SAM 5.0 R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) 7450 ESS-6v Chassis. 5620 SAM does not support the 7450 ESS-6v chassis.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel 'Labels Exhausted' State Cause. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R16 through R20)
	<p>of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) Port-based Egress Scheduling Policies. 5620 SAM does not support Port-based Egress Scheduling Policies.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES. 5620 SAM does not support Unnumbered IP Interfaces for IES services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) Multicast CAC Extended Support for LAGs. 5620 SAM does not support Multicast CAC extended support for LAGs.</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(PTS 518181) High-Bandwidth IP Multicast MDA. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R16 through R20)
	<p>support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p>
5620 SAM 5.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) 7450 ESS-6v Chassis. 5620 SAM does not support the 7450 ESS-6v chassis.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel 'Labels Exhausted' State Cause. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R16 through R20)
	<p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) Port-based Egress Scheduling Policies. 5620 SAM does not support Port-based Egress Scheduling Policies.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES. 5620 SAM does not support Unnumbered IP Interfaces for IES services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) Multicast CAC Extended Support for LAGs. 5620 SAM does not support Multicast CAC extended support for LAGs.</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(PTS 518181) High-Bandwidth IP Multicast MDA. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R16 through R20)
	<p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p>

Table 133: 7450 ESS 5.0 R15

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R15)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p>
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R15)
	<p>(Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p>
5620 SAM 6.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R15)
	support forwarding class specification for mac-ping, mac-trace and cpe-ping.
5620 SAM 5.0 R6 through R11	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) 7450 ESS-6v Chassis. 5620 SAM does not support the 7450 ESS-6v chassis.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnmplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel 'Labels Exhausted' State Cause. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R15)
5620 SAM 5.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) 7450 ESS-6v Chassis. 5620 SAM does not support the 7450 ESS-6v chassis.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmNxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel 'Labels Exhausted' State Cause. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R15)
5620 SAM 5.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) 7450 ESS-6v Chassis. 5620 SAM does not support the 7450 ESS-6v chassis.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmrxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel 'Labels Exhausted' State Cause. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R15)
	<p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES. 5620 SAM does not support Unnumbered IP Interfaces for IES services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p>
5620 SAM 5.0 R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) 7450 ESS-6v Chassis. 5620 SAM does not support the 7450 ESS-6v chassis.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R15)
	<p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmNxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel 'Labels Exhausted' State Cause. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) Port-based Egress Scheduling Policies. 5620 SAM does not support Port-based Egress Scheduling Policies.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R15)
	<p>configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES. 5620 SAM does not support Unnumbered IP Interfaces for IES services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) Multicast CAC Extended Support for LAGs. 5620 SAM does not support Multicast CAC extended support for LAGs.</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(PTS 518181) High-Bandwidth IP Multicast MDA. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p>
5620 SAM 5.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) 7450 ESS-6v Chassis. 5620 SAM does not support the 7450 ESS-6v chassis.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R15)
	<p>(Feature Enhancement) Service Tunnel ‘Labels Exhausted’ State Cause. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) Port-based Egress Scheduling Policies. 5620 SAM does not support Port-based Egress Scheduling Policies.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES. 5620 SAM does not support Unnumbered IP Interfaces for IES services.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R15)
	<p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) Multicast CAC Extended Support for LAGs. 5620 SAM does not support Multicast CAC extended support for LAGs.</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(PTS 518181) High-Bandwidth IP Multicast MDA. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p>

Table 134: 7450 ESS 5.0 R14

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R14)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p>
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R14)
	<p>Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p>
5620 SAM 6.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p>
5620 SAM 5.0 R6 through R11	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) 7450 ESS-6v Chassis. 5620 SAM does not support the 7450 ESS-6v chassis.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R14)
	<p>support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnmplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel 'Labels Exhausted' State Cause. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p>
5620 SAM 5.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) 7450 ESS-6v Chassis. 5620 SAM does not support the 7450 ESS-6v chassis.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnmplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel 'Labels Exhausted' State Cause. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R14)
	<p>(Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p>
5620 SAM 5.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) 7450 ESS-6v Chassis. 5620 SAM does not support the 7450 ESS-6v chassis.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnmplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel 'Labels Exhausted' State Cause. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R14)
	<p>Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES. 5620 SAM does not support Unnumbered IP Interfaces for IES services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R14)
	<p>configuration for ethernet ports.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p>
5620 SAM 5.0 R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) 7450 ESS-6v Chassis. 5620 SAM does not support the 7450 ESS-6v chassis.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnmplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel 'Labels Exhausted' State Cause. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R14)
	<p>startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) Port-based Egress Scheduling Policies. 5620 SAM does not support Port-based Egress Scheduling Policies.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES. 5620 SAM does not support Unnumbered IP Interfaces for IES services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) Multicast CAC Extended Support for LAGs. 5620 SAM does not support Multicast CAC extended support for LAGs.</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(PTS 518181) High-Bandwidth IP Multicast MDA. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R14)
5620 SAM 5.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) 7450 ESS-6v Chassis. 5620 SAM does not support the 7450 ESS-6v chassis.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnmplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel 'Labels Exhausted' State Cause. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R14)
	<p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) Port-based Egress Scheduling Policies. 5620 SAM does not support Port-based Egress Scheduling Policies.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES. 5620 SAM does not support Unnumbered IP Interfaces for IES services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) Multicast CAC Extended Support for LAGs. 5620 SAM does not support Multicast CAC extended support for LAGs.</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(PTS 518181) High-Bandwidth IP Multicast MDA. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p>

Table 135: 7450 ESS 5.0 R13

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R13)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p>
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R13)
	<p>Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p>
5620 SAM 6.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p>
5620 SAM 5.0 R6 through R11	<p>Network element supported with the following limitations:</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnmplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R13)
	<p>and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel ‘Labels Exhausted’ State Cause. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p>
5620 SAM 5.0 R5	<p>Network element supported with the following limitations:</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnmplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel ‘Labels Exhausted’ State Cause. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R13)
	<p>Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p>
5620 SAM 5.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmNxMplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel ‘Labels Exhausted’ State Cause. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R13)
	<p>Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES. 5620 SAM does not support Unnumbered IP Interfaces for IES services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R13)
5620 SAM 5.0 R2	<p>Network element supported with the following limitations:</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnmplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel 'Labels Exhausted' State Cause. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R13)
	<p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) Port-based Egress Scheduling Policies. 5620 SAM does not support Port-based Egress Scheduling Policies.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES. 5620 SAM does not support Unnumbered IP Interfaces for IES services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) Multicast CAC Extended Support for LAGs. 5620 SAM does not support Multicast CAC extended support for LAGs.</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(PTS 518181) High-Bandwidth IP Multicast MDA. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p>
5620 SAM 5.0 R1	<p>Network element supported with the following limitations:</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnmplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R13)
	<p>(Feature Enhancement) Service Tunnel ‘Labels Exhausted’ State Cause. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) Port-based Egress Scheduling Policies. 5620 SAM does not support Port-based Egress Scheduling Policies.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES. 5620 SAM does not support Unnumbered IP Interfaces for IES services.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R13)
	<p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) Multicast CAC Extended Support for LAGs. 5620 SAM does not support Multicast CAC extended support for LAGs.</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(PTS 518181) High-Bandwidth IP Multicast MDA. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p>

Table 136: 7450 ESS 5.0 R12

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R12)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p>
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R12)
	<p>Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p>
5620 SAM 6.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p>
5620 SAM 5.0 R6 through R11	<p>Network element supported with the following limitations:</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnmplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R12)
	<p>and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel ‘Labels Exhausted’ State Cause. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p>
5620 SAM 5.0 R5	<p>Network element supported with the following limitations:</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnmplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel ‘Labels Exhausted’ State Cause. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R12)
	<p>Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p>
5620 SAM 5.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmNxMplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel ‘Labels Exhausted’ State Cause. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R12)
	<p>Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES. 5620 SAM does not support Unnumbered IP Interfaces for IES services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R12)
5620 SAM 5.0 R2	<p>Network element supported with the following limitations:</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnmplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel 'Labels Exhausted' State Cause. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R12)
	<p>Bypass Tunnels.</p> <p>(Feature Enhancement) Port-based Egress Scheduling Policies. 5620 SAM does not support Port-based Egress Scheduling Policies.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES. 5620 SAM does not support Unnumbered IP Interfaces for IES services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) Multicast CAC Extended Support for LAGs. 5620 SAM does not support Multicast CAC extended support for LAGs.</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(PTS 518181) High-Bandwidth IP Multicast MDA. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p>
5620 SAM 5.0 R1	<p>Network element supported with the following limitations:</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmNxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel 'Labels Exhausted' State Cause. 5620 SAM</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R12)
	<p>does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) Port-based Egress Scheduling Policies. 5620 SAM does not support Port-based Egress Scheduling Policies.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES. 5620 SAM does not support Unnumbered IP Interfaces for IES services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R12)
	<p>SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) Multicast CAC Extended Support for LAGs. 5620 SAM does not support Multicast CAC extended support for LAGs.</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(PTS 518181) High-Bandwidth IP Multicast MDA. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p>

Table 137: 7450 ESS 5.0 R10 through R11

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R10 through R11)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p>
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R10 through R11)
	<p>Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p>
5620 SAM 6.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p>
5620 SAM 5.0 R6 through R11	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmrxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel 'Labels Exhausted' State Cause. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R10 through R11)
	<p>Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p>
5620 SAM 5.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnmplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel 'Labels Exhausted' State Cause. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R10 through R11)
	<p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p>
5620 SAM 5.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnmplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel 'Labels Exhausted' State Cause. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R10 through R11)
	<p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES. 5620 SAM does not support Unnumbered IP Interfaces for IES services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p>
5620 SAM 5.0 R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmNxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel 'Labels Exhausted' State Cause. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R10 through R11)
	<p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) Port-based Egress Scheduling Policies. 5620 SAM does not support Port-based Egress Scheduling Policies.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES. 5620 SAM does not support Unnumbered IP Interfaces for IES services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) Multicast CAC Extended Support for LAGs. 5620 SAM does not support Multicast CAC extended support for LAGs.</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R10 through R11)
	<p>(PTS 518181) High-Bandwidth IP Multicast MDA. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p>
5620 SAM 5.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel 'Labels Exhausted' State Cause. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R10 through R11)
	<p>indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) Port-based Egress Scheduling Policies. 5620 SAM does not support Port-based Egress Scheduling Policies.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES. 5620 SAM does not support Unnumbered IP Interfaces for IES services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) Multicast CAC Extended Support for LAGs. 5620 SAM does not support Multicast CAC extended support for LAGs.</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(PTS 518181) High-Bandwidth IP Multicast MDA. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R10 through R11)
	RADIUS Template User Account configuration.

Table 138: 7450 ESS 5.0 R8 through R9

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R8 through R9)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p>
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R8 through R9)
	support forwarding class specification for mac-ping, mac-trace and cpe-ping.
5620 SAM 6.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p>
5620 SAM 5.0 R6 through R11	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R8 through R9)
5620 SAM 5.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p>
5620 SAM 5.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R8 through R9)
	<p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES. 5620 SAM does not support Unnumbered IP Interfaces for IES services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p>
5620 SAM 5.0 R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R8 through R9)
	<p>VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) Port-based Egress Scheduling Policies. 5620 SAM does not support Port-based Egress Scheduling Policies.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES. 5620 SAM does not support Unnumbered IP Interfaces for IES services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) Multicast CAC Extended Support for LAGs. 5620 SAM does not support Multicast CAC extended support for LAGs.</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(PTS 518181) High-Bandwidth IP Multicast MDA. 5620 SAM does not support high-</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R8 through R9)
	<p>bandwidth IP multicast configuration for MDAs.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p>
5620 SAM 5.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R8 through R9)
	<p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) Port-based Egress Scheduling Policies. 5620 SAM does not support Port-based Egress Scheduling Policies.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES. 5620 SAM does not support Unnumbered IP Interfaces for IES services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) Multicast CAC Extended Support for LAGs. 5620 SAM does not support Multicast CAC extended support for LAGs.</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(PTS 518181) High-Bandwidth IP Multicast MDA. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p>

Table 139: 7450 ESS 5.0 R5 through R7

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R5 through R7)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p>
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p>
5620 SAM 6.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R5 through R7)
	support forwarding class specification for mac-ping, mac-trace and cpe-ping.
5620 SAM 5.0 R6 through R11	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p>
5620 SAM 5.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p>
5620 SAM 5.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R5 through R7)
	<p>Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES. 5620 SAM does not support Unnumbered IP Interfaces for IES services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p>
5620 SAM 5.0 R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R5 through R7)
	<p>does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) Port-based Egress Scheduling Policies. 5620 SAM does not support Port-based Egress Scheduling Policies.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES. 5620 SAM does not support Unnumbered IP Interfaces for IES services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) Multicast CAC Extended Support for LAGs. 5620 SAM does not support Multicast CAC extended support for LAGs.</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(PTS 518181) High-Bandwidth IP Multicast MDA. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R5 through R7)
	<p>timer configuration for router interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p>
5620 SAM 5.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) Port-based Egress Scheduling Policies. 5620 SAM does not support Port-based Egress Scheduling Policies.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R5 through R7)
	<p>support Unnumbered IP Interfaces for IES services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) Multicast CAC Extended Support for LAGs. 5620 SAM does not support Multicast CAC extended support for LAGs.</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(PTS 518181) High-Bandwidth IP Multicast MDA. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p>

Table 140: 7450 ESS 5.0 R4

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R4)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	Network element supported with the following limitations: (Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).
5620 SAM 6.1 R1 through R8	Network element supported with the following limitations: (Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).
5620 SAM 6.0 R1 through R8	Network element supported with the following limitations: (Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).
5620 SAM 5.0 R5 through R11	Network element supported with the following limitations: (Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).
5620 SAM 5.0 R3 through R4	Network element supported with the following limitations: (Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). (Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. (Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels. (Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. (Feature Enhancement) Unnumbered IP Interfaces on IES. 5620 SAM does not support Unnumbered IP Interfaces for IES services. (Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). (Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). (Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R4)
	<p>does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p>
5620 SAM 5.0 R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) Port-based Egress Scheduling Policies. 5620 SAM does not support Port-based Egress Scheduling Policies.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES. 5620 SAM does not support Unnumbered IP Interfaces for IES services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) Multicast CAC Extended Support for LAGs. 5620 SAM does not support Multicast CAC extended support for LAGs.</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(PTS 518181) High-Bandwidth IP Multicast MDA. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R4)
	<p>timer configuration for router interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p>
5620 SAM 5.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) Port-based Egress Scheduling Policies. 5620 SAM does not support Port-based Egress Scheduling Policies.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES. 5620 SAM does not support Unnumbered IP Interfaces for IES services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) Multicast CAC Extended Support for LAGs. 5620 SAM does not support Multicast CAC extended support for LAGs.</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(PTS 518181) High-Bandwidth IP Multicast MDA. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router interfaces.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R4)
	<p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p>

Table 141: 7450 ESS 5.0 R3

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R3)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p>
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p>
5620 SAM 6.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R3)
5620 SAM 5.0 R5 through R11	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p>
5620 SAM 5.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p>
5620 SAM 5.0 R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(PTS 518181) High-Bandwidth IP Multicast MDA. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R3)
5620 SAM 5.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p> <p>(PTS 518181) High-Bandwidth IP Multicast MDA. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p>

Table 142: 7450 ESS 5.0 R1 through R2

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R1 through R2)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	Network element supported with the following limitations: (Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).
5620 SAM 6.1 R1 through R8	Network element supported with the following limitations: (Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).
5620 SAM 6.0 R1 through R8	Network element supported with the following limitations: (Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).
5620 SAM 5.0 R3 through R11	Network element supported with the following limitations: (Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).
5620 SAM 5.0 R2	Network element supported with the following limitations: (Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). (PTS 518181) High-Bandwidth IP Multicast MDA. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs.
5620 SAM 5.0 R1	Network element supported with the following limitations: (Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). (Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements. (PTS 518181) High-Bandwidth IP Multicast MDA. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs.

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Table 143: 7450 ESS 4.0 R21

5620 SAM Release	Compatibility Statement (7450 ESS 4.0 R21)
5620 SAM 7.0 R1 and above	<p>Network element <u>not</u> supported.</p> <p>5620 SAM does not support management of this router version.</p>
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) High-Bandwidth IP Multicast MDA. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs.</p> <p>(Feature Enhancement) TACACS+ Template User Account. 5620 SAM does not support TACACS+ template user account configuration.</p> <p>(Feature Enhancement) Route Policy Statement and Entry Preference. 5620 SAM does not support configuration of the preference parameter for route policy statements or route policy entries.</p> <p>(Feature Enhancement) IES Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES Interfaces.</p> <p>(Feature Enhancement) VRRP Standby Forwarding. 5620 SAM does not support VRRP Standby Forwarding.</p> <p>(Feature Enhancement) MVPLS Enhancements for Managed VLAN lists. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.</p>
5620 SAM 6.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) High-Bandwidth IP Multicast MDA. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs.</p> <p>(Feature Enhancement) TACACS+ Template User Account. 5620 SAM does not support TACACS+ template user account configuration.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 4.0 R21)
	<p>(Feature Enhancement) Route Policy Statement and Entry Preference. 5620 SAM does not support configuration of the preference parameter for route policy statements or route policy entries.</p> <p>(Feature Enhancement) IES Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES Interfaces.</p> <p>(Feature Enhancement) VRRP Standby Forwarding. 5620 SAM does not support VRRP Standby Forwarding.</p> <p>(Feature Enhancement) MVPLS Enhancements for Managed VLAN lists. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.</p>
5620 SAM 5.0 R6 through R11	<p>Network element supported with the following limitations:</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) High-Bandwidth IP Multicast MDA. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs.</p> <p>(Feature Enhancement) TACACS+ Template User Account. 5620 SAM does not support TACACS+ template user account configuration.</p> <p>(Feature Enhancement) Route Policy Statement and Entry Preference. 5620 SAM does not support configuration of the preference parameter for route policy statements or route policy entries.</p> <p>(Feature Enhancement) IES Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES Interfaces.</p> <p>(Feature Enhancement) VRRP Standby Forwarding. 5620 SAM does not support VRRP Standby Forwarding.</p> <p>(Feature Enhancement) MVPLS Enhancements for Managed VLAN lists. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.</p>
5620 SAM 5.0 R2 through R5	<p>Network element supported with the following limitations:</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM</p>

5620 SAM Release	Compatibility Statement (7450 ESS 4.0 R21)
	<p>does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) High-Bandwidth IP Multicast MDA. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs.</p> <p>(Feature Enhancement) TACACS+ Template User Account. 5620 SAM does not support TACACS+ template user account configuration.</p> <p>(Feature Enhancement) Route Policy Statement and Entry Preference. 5620 SAM does not support configuration of the preference parameter for route policy statements or route policy entries.</p> <p>(Feature Enhancement) IES Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES Interfaces.</p> <p>(Feature Enhancement) VRRP Standby Forwarding. 5620 SAM does not support VRRP Standby Forwarding.</p> <p>(Feature Enhancement) MVPLS Enhancements for Managed VLAN lists. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value ‘0’ within a managed-vlan-list range.</p>
5620 SAM 5.0 R1	<p>Network element supported with the following limitations:</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p> <p>(Feature Enhancement) High-Bandwidth IP Multicast MDA. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs.</p> <p>(Feature Enhancement) TACACS+ Template User Account. 5620 SAM does not support TACACS+ template user account configuration.</p> <p>(Feature Enhancement) Route Policy Statement and Entry Preference. 5620 SAM does not support configuration of the preference parameter for route policy statements or route policy entries.</p> <p>(Feature Enhancement) IES Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES Interfaces.</p> <p>(Feature Enhancement) VRRP Standby Forwarding. 5620 SAM does not support VRRP Standby Forwarding.</p> <p>(Feature Enhancement) MVPLS Enhancements for Managed VLAN lists. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value ‘0’ within a</p>

5620 SAM Release	Compatibility Statement (7450 ESS 4.0 R21)
	managed-vlan-list range.
5620 SAM 4.0 R2 through R12	<p>Network element supported with the following limitations:</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p> <p>(Feature Enhancement) High-Bandwidth IP Multicast MDA. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs.</p> <p>(Feature Enhancement) TACACS+ Template User Account. 5620 SAM does not support TACACS+ template user account configuration.</p> <p>(Feature Enhancement) Route Policy Statement and Entry Preference. 5620 SAM does not support configuration of the preference parameter for route policy statements or route policy entries.</p> <p>(Feature Enhancement) IES Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES Interfaces.</p> <p>(Feature Enhancement) VRRP Standby Forwarding. 5620 SAM does not support VRRP Standby Forwarding.</p> <p>(Feature Enhancement) MVPLS Enhancements for Managed VLAN lists. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.</p>
5620 SAM 4.0 R1	<p>Network element supported with the following limitations:</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p> <p>(Feature Enhancement) High-Bandwidth IP Multicast MDA. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs.</p> <p>(Feature Enhancement) TACACS+ Template User Account. 5620 SAM does not support TACACS+ template user account configuration.</p> <p>(Feature Enhancement) Route Policy Statement and Entry Preference. 5620 SAM does not support configuration of the preference parameter for route policy</p>

5620 SAM Release	Compatibility Statement (7450 ESS 4.0 R21)
	<p>statements or route policy entries.</p> <p>(Feature Enhancement) IES Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES Interfaces.</p> <p>(PTS 505742) ISSU and “Configuration File Change” Synchronization Mode. Performing an In-Service Software Update (ISSU) with Redundant Synchronization Mode set to “Configuration File Change” will not perform a CPM switchover after software download completes. The user must change the Redundant Synchronization Mode to “Boot Environment Change” in order to successfully complete an In-Service Software Update.</p> <p>(Feature Enhancement) VRRP Standby Forwarding. 5620 SAM does not support VRRP Standby Forwarding.</p> <p>(PTS 505396) Dynamic Updates For Residential Subscribers. Subscriber Management MIB improvements prevent 5620 SAM from properly handing changes to residential subscribers when initiated from the network element. Full resynchronization of the network element is required to capture current Residential Subscriber information.</p> <p>(Feature Enhancement) MVPLS Enhancements for Managed VLAN lists. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value ‘0’ within a managed-vlan-list range.</p>

Table 144: 7450 ESS 4.0 R14 through R20

5620 SAM Release	Compatibility Statement (7450 ESS 4.0 R14 through R20)
5620 SAM 7.0 R1 and above	<p>Network element <u>not</u> supported.</p> <p>5620 SAM does not support management of this router version.</p>
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) High-Bandwidth IP Multicast MDA. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs.</p> <p>(Feature Enhancement) TACACS+ Template User Account. 5620 SAM does not support TACACS+ template user account configuration.</p> <p>(Feature Enhancement) Route Policy Statement and Entry Preference. 5620 SAM does not support configuration of the preference parameter for route policy statements or route policy entries.</p> <p>(Feature Enhancement) IES Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES Interfaces.</p> <p>(Feature Enhancement) VRRP Standby Forwarding. 5620 SAM does not support VRRP Standby Forwarding.</p> <p>(Feature Enhancement) MVPLS Enhancements for Managed VLAN lists. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.</p>
5620 SAM 6.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) High-Bandwidth IP Multicast MDA. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs.</p> <p>(Feature Enhancement) TACACS+ Template User Account. 5620 SAM does not support TACACS+ template user account configuration.</p> <p>(Feature Enhancement) Route Policy Statement and Entry Preference. 5620 SAM does not support configuration of the preference parameter for route policy statements or route policy entries.</p> <p>(Feature Enhancement) IES Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES Interfaces.</p> <p>(Feature Enhancement) VRRP Standby Forwarding. 5620 SAM does not support VRRP Standby Forwarding.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 4.0 R14 through R20)
	<p>(Feature Enhancement) MVPLS Enhancements for Managed VLAN lists. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.</p>
5620 SAM 5.0 R6 through R11	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) High-Bandwidth IP Multicast MDA. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs.</p> <p>(Feature Enhancement) TACACS+ Template User Account. 5620 SAM does not support TACACS+ template user account configuration.</p> <p>(Feature Enhancement) Route Policy Statement and Entry Preference. 5620 SAM does not support configuration of the preference parameter for route policy statements or route policy entries.</p> <p>(Feature Enhancement) IES Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES Interfaces.</p> <p>(Feature Enhancement) VRRP Standby Forwarding. 5620 SAM does not support VRRP Standby Forwarding.</p> <p>(Feature Enhancement) MVPLS Enhancements for Managed VLAN lists. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.</p>
5620 SAM 5.0 R2 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) High-Bandwidth IP Multicast MDA. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs.</p> <p>(Feature Enhancement) TACACS+ Template User Account. 5620 SAM does not support TACACS+ template user account configuration.</p> <p>(Feature Enhancement) Route Policy Statement and Entry Preference. 5620 SAM does not support configuration of the preference parameter for route policy statements or route policy entries.</p> <p>(Feature Enhancement) IES Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES Interfaces.</p> <p>(Feature Enhancement) VRRP Standby Forwarding. 5620 SAM does not support VRRP</p>

5620 SAM Release	Compatibility Statement (7450 ESS 4.0 R14 through R20)
	<p>Standby Forwarding.</p> <p>(Feature Enhancement) MVPLS Enhancements for Managed VLAN lists. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.</p>
5620 SAM 5.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p> <p>(Feature Enhancement) High-Bandwidth IP Multicast MDA. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs.</p> <p>(Feature Enhancement) TACACS+ Template User Account. 5620 SAM does not support TACACS+ template user account configuration.</p> <p>(Feature Enhancement) Route Policy Statement and Entry Preference. 5620 SAM does not support configuration of the preference parameter for route policy statements or route policy entries.</p> <p>(Feature Enhancement) IES Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES Interfaces.</p> <p>(Feature Enhancement) VRRP Standby Forwarding. 5620 SAM does not support VRRP Standby Forwarding.</p> <p>(Feature Enhancement) MVPLS Enhancements for Managed VLAN lists. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.</p>
5620 SAM 4.0 R2 through R12	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p> <p>(Feature Enhancement) High-Bandwidth IP Multicast MDA. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs.</p> <p>(Feature Enhancement) TACACS+ Template User Account. 5620 SAM does not support TACACS+ template user account configuration.</p> <p>(Feature Enhancement) Route Policy Statement and Entry Preference. 5620 SAM does not support configuration of the preference parameter for route policy statements or route policy entries.</p> <p>(Feature Enhancement) IES Interface IP MTU. 5620 SAM does not support IP MTU</p>

5620 SAM Release	Compatibility Statement (7450 ESS 4.0 R14 through R20)
	<p>configuration on IES Interfaces.</p> <p>(Feature Enhancement) VRRP Standby Forwarding. 5620 SAM does not support VRRP Standby Forwarding.</p> <p>(Feature Enhancement) MVPLS Enhancements for Managed VLAN lists. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.</p>
5620 SAM 4.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p> <p>(Feature Enhancement) High-Bandwidth IP Multicast MDA. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs.</p> <p>(Feature Enhancement) TACACS+ Template User Account. 5620 SAM does not support TACACS+ template user account configuration.</p> <p>(Feature Enhancement) Route Policy Statement and Entry Preference. 5620 SAM does not support configuration of the preference parameter for route policy statements or route policy entries.</p> <p>(Feature Enhancement) IES Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES Interfaces.</p> <p>(PTS 505742) ISSU and "Configuration File Change" Synchronization Mode. Performing an In-Service Software Update (ISSU) with Redundant Synchronization Mode set to "Configuration File Change" will not perform a CPM switchover after software download completes. The user must change the Redundant Synchronization Mode to "Boot Environment Change" in order to successfully complete an In-Service Software Update.</p> <p>(Feature Enhancement) VRRP Standby Forwarding. 5620 SAM does not support VRRP Standby Forwarding.</p> <p>(PTS 505396) Dynamic Updates For Residential Subscribers. Subscriber Management MIB improvements prevent 5620 SAM from properly handing changes to residential subscribers when initiated from the network element. Full resynchronization of the network element is required to capture current Residential Subscriber information.</p> <p>(Feature Enhancement) MVPLS Enhancements for Managed VLAN lists. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.</p>

Table 145: 7450 ESS 4.0 R7 through R13

5620 SAM Release	Compatibility Statement (7450 ESS 4.0 R7 through R13)
5620 SAM 7.0 R1 and above	<p>Network element <u>not</u> supported.</p> <p>5620 SAM does not support management of this router version.</p>
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) High-Bandwidth IP Multicast MDA. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs.</p> <p>(Feature Enhancement) TACACS+ Template User Account. 5620 SAM does not support TACACS+ template user account configuration.</p> <p>(Feature Enhancement) Route Policy Statement and Entry Preference. 5620 SAM does not support configuration of the preference parameter for route policy statements or route policy entries.</p> <p>(Feature Enhancement) IES Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES Interfaces.</p> <p>(Feature Enhancement) VRRP Standby Forwarding. 5620 SAM does not support VRRP Standby Forwarding.</p> <p>(Feature Enhancement) MVPLS Enhancements for Managed VLAN lists. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.</p>
5620 SAM 6.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) High-Bandwidth IP Multicast MDA. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs.</p> <p>(Feature Enhancement) TACACS+ Template User Account. 5620 SAM does not support TACACS+ template user account configuration.</p> <p>(Feature Enhancement) Route Policy Statement and Entry Preference. 5620 SAM does not support configuration of the preference parameter for route policy statements or route policy entries.</p> <p>(Feature Enhancement) IES Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES Interfaces.</p> <p>(Feature Enhancement) VRRP Standby Forwarding. 5620 SAM does not support VRRP Standby Forwarding.</p> <p>(Feature Enhancement) MVPLS Enhancements for Managed VLAN lists. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists</p>

5620 SAM Release	Compatibility Statement (7450 ESS 4.0 R7 through R13)
	under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.
5620 SAM 5.0 R2 through R11	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) High-Bandwidth IP Multicast MDA. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs.</p> <p>(Feature Enhancement) TACACS+ Template User Account. 5620 SAM does not support TACACS+ template user account configuration.</p> <p>(Feature Enhancement) Route Policy Statement and Entry Preference. 5620 SAM does not support configuration of the preference parameter for route policy statements or route policy entries.</p> <p>(Feature Enhancement) IES Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES Interfaces.</p> <p>(Feature Enhancement) VRRP Standby Forwarding. 5620 SAM does not support VRRP Standby Forwarding.</p> <p>(Feature Enhancement) MVPLS Enhancements for Managed VLAN lists. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.</p>
5620 SAM 5.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p> <p>(Feature Enhancement) High-Bandwidth IP Multicast MDA. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs.</p> <p>(Feature Enhancement) TACACS+ Template User Account. 5620 SAM does not support TACACS+ template user account configuration.</p> <p>(Feature Enhancement) Route Policy Statement and Entry Preference. 5620 SAM does not support configuration of the preference parameter for route policy statements or route policy entries.</p> <p>(Feature Enhancement) IES Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES Interfaces.</p> <p>(Feature Enhancement) VRRP Standby Forwarding. 5620 SAM does not support VRRP Standby Forwarding.</p> <p>(Feature Enhancement) MVPLS Enhancements for Managed VLAN lists. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a</p>

5620 SAM Release	Compatibility Statement (7450 ESS 4.0 R7 through R13)
	managed-vlan-list range.
5620 SAM 4.0 R2 through R12	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p> <p>(Feature Enhancement) High-Bandwidth IP Multicast MDA. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs.</p> <p>(Feature Enhancement) TACACS+ Template User Account. 5620 SAM does not support TACACS+ template user account configuration.</p> <p>(Feature Enhancement) Route Policy Statement and Entry Preference. 5620 SAM does not support configuration of the preference parameter for route policy statements or route policy entries.</p> <p>(Feature Enhancement) IES Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES Interfaces.</p> <p>(Feature Enhancement) VRRP Standby Forwarding. 5620 SAM does not support VRRP Standby Forwarding.</p> <p>(Feature Enhancement) MVPLS Enhancements for Managed VLAN lists. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.</p>
5620 SAM 4.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p> <p>(Feature Enhancement) High-Bandwidth IP Multicast MDA. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs.</p> <p>(Feature Enhancement) TACACS+ Template User Account. 5620 SAM does not support TACACS+ template user account configuration.</p> <p>(Feature Enhancement) Route Policy Statement and Entry Preference. 5620 SAM does not support configuration of the preference parameter for route policy statements or route policy entries.</p> <p>(Feature Enhancement) IES Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES Interfaces.</p> <p>(PTS 505742) ISSU and "Configuration File Change" Synchronization Mode. Performing an In-Service Software Update (ISSU) with Redundant Synchronization Mode set to "Configuration File Change" will not perform a CPM switchover after software download completes. The user must change the Redundant Synchronization</p>

5620 SAM Release	Compatibility Statement (7450 ESS 4.0 R7 through R13)
	<p>Mode to “Boot Environment Change” in order to successfully complete an In-Service Software Update.</p> <p>(Feature Enhancement) VRRP Standby Forwarding. 5620 SAM does not support VRRP Standby Forwarding.</p> <p>(PTS 505396) Dynamic Updates For Residential Subscribers. Subscriber Management MIB improvements prevent 5620 SAM from properly handing changes to residential subscribers when initiated from the network element. Full resynchronization of the network element is required to capture current Residential Subscriber information.</p> <p>(Feature Enhancement) MVPLS Enhancements for Managed VLAN lists. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value ‘0’ within a managed-vlan-list range.</p>

Table 146: 7450 ESS 4.0 R5 through R6

5620 SAM Release	Compatibility Statement (7450 ESS 4.0 R5 through R6)
5620 SAM 7.0 R1 and above	<p>Network element <u>not</u> supported.</p> <p>5620 SAM does not support management of this router version.</p>
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) IES Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES Interfaces.</p> <p>(Feature Enhancement) VRRP Standby Forwarding. 5620 SAM does not support VRRP Standby Forwarding.</p> <p>(Feature Enhancement) MVPLS Enhancements for Managed VLAN lists. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.</p>
5620 SAM 6.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) IES Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES Interfaces.</p> <p>(Feature Enhancement) VRRP Standby Forwarding. 5620 SAM does not support VRRP Standby Forwarding.</p> <p>(Feature Enhancement) MVPLS Enhancements for Managed VLAN lists. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.</p>
5620 SAM 5.0 R1 through R11	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) IES Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES Interfaces.</p> <p>(Feature Enhancement) VRRP Standby Forwarding. 5620 SAM does not support VRRP Standby Forwarding.</p> <p>(Feature Enhancement) MVPLS Enhancements for Managed VLAN lists. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a</p>

5620 SAM Release	Compatibility Statement (7450 ESS 4.0 R5 through R6)
	managed-vlan-list range.
5620 SAM 4.0 R2 through R12	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) IES Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES Interfaces.</p> <p>(Feature Enhancement) VRRP Standby Forwarding. 5620 SAM does not support VRRP Standby Forwarding.</p> <p>(Feature Enhancement) MVPLS Enhancements for Managed VLAN lists. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.</p>
5620 SAM 4.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) IES Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES Interfaces.</p> <p>(PTS 505742) ISSU and "Configuration File Change" Synchronization Mode. Performing an In-Service Software Update (ISSU) with Redundant Synchronization Mode set to "Configuration File Change" will not perform a CPM switchover after software download completes. The user must change the Redundant Synchronization Mode to "Boot Environment Change" in order to successfully complete an In-Service Software Update.</p> <p>(Feature Enhancement) VRRP Standby Forwarding. 5620 SAM does not support VRRP Standby Forwarding.</p> <p>(PTS 505396) Dynamic Updates For Residential Subscribers. Subscriber Management MIB improvements prevent 5620 SAM from properly handing changes to residential subscribers when initiated from the network element. Full resynchronization of the network element is required to capture current Residential Subscriber information.</p> <p>(Feature Enhancement) MVPLS Enhancements for Managed VLAN lists. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.</p>

Table 147: 7450 ESS 4.0 R4

5620 SAM Release	Compatibility Statement (7450 ESS 4.0 R4)
5620 SAM 7.0 R1 and above	<p>Network element <u>not</u> supported.</p> <p>5620 SAM does not support management of this router version.</p>
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) IES Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES Interfaces.</p> <p>(Feature Enhancement) VRRP Standby Forwarding. 5620 SAM does not support VRRP Standby Forwarding.</p>
5620 SAM 6.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) IES Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES Interfaces.</p> <p>(Feature Enhancement) VRRP Standby Forwarding. 5620 SAM does not support VRRP Standby Forwarding.</p>
5620 SAM 5.0 R1 through R11	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) IES Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES Interfaces.</p> <p>(Feature Enhancement) VRRP Standby Forwarding. 5620 SAM does not support VRRP Standby Forwarding.</p>
5620 SAM 4.0 R2 through R12	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) IES Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES Interfaces.</p> <p>(Feature Enhancement) VRRP Standby Forwarding. 5620 SAM does not support VRRP Standby Forwarding.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 4.0 R4)
5620 SAM 4.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).</p> <p>(Feature Enhancement) IES Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES Interfaces.</p> <p>(PTS 505742) ISSU and “Configuration File Change” Synchronization Mode. Performing an In-Service Software Update (ISSU) with Redundant Synchronization Mode set to “Configuration File Change” will not perform a CPM switchover after software download completes. The user must change the Redundant Synchronization Mode to “Boot Environment Change” in order to successfully complete an In-Service Software Update.</p> <p>(Feature Enhancement) VRRP Standby Forwarding. 5620 SAM does not support VRRP Standby Forwarding.</p> <p>(PTS 505396) Dynamic Updates For Residential Subscribers. Subscriber Management MIB improvements prevent 5620 SAM from properly handing changes to residential subscribers when initiated from the network element. Full resynchronization of the network element is required to capture current Residential Subscriber information.</p>

Table 148: 7450 ESS 4.0 R3

5620 SAM Release	Compatibility Statement (7450 ESS 4.0 R3)
5620 SAM 7.0 R1 and above	Network element <u>not</u> supported. 5620 SAM does not support management of this router version.
5620 SAM 6.1 R1 through R8	Network element supported with the following limitations: (Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). (Feature Enhancement) VRRP Standby Forwarding. 5620 SAM does not support VRRP Standby Forwarding.
5620 SAM 6.0 R1 through R8	Network element supported with the following limitations: (Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). (Feature Enhancement) VRRP Standby Forwarding. 5620 SAM does not support VRRP Standby Forwarding.
5620 SAM 5.0 R1 through R11	Network element supported with the following limitations: (Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). (Feature Enhancement) VRRP Standby Forwarding. 5620 SAM does not support VRRP Standby Forwarding.
5620 SAM 4.0 R2 through R12	Network element supported with the following limitations: (Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). (Feature Enhancement) VRRP Standby Forwarding. 5620 SAM does not support VRRP Standby Forwarding.
5620 SAM 4.0 R1	Network element supported with the following limitations: (Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). (PTS 505742) ISSU and “Configuration File Change” Synchronization Mode. Performing an In-Service Software Update (ISSU) with Redundant Synchronization Mode set to “Configuration File Change” will not perform a CPM switchover after software download completes. The user must change the Redundant Synchronization Mode to “Boot Environment Change” in order to successfully complete an In-Service Software Update. (Feature Enhancement) VRRP Standby Forwarding. 5620 SAM does not support VRRP Standby Forwarding.

5620 SAM Release	Compatibility Statement (7450 ESS 4.0 R3)
	(PTS 505396) Dynamic Updates For Residential Subscribers. Subscriber Management MIB improvements prevent 5620 SAM from properly handing changes to residential subscribers when initiated from the network element. Full resynchronization of the network element is required to capture current Residential Subscriber information.

Table 149: 7450 ESS 4.0 R1 through R2

5620 SAM Release	Compatibility Statement (7450 ESS 4.0 R1 through R2)
5620 SAM 7.0 R1 and above	Network element <u>not</u> supported. 5620 SAM does not support management of this router version.
5620 SAM 6.1 R1 through R8	Network element supported with the following limitations: (Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).
5620 SAM 6.0 R1 through R8	Network element supported with the following limitations: (Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).
5620 SAM 5.0 R1 through R11	Network element supported with the following limitations: (Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).
5620 SAM 4.0 R3 through R12	Network element supported with the following limitations: (Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).
5620 SAM 4.0 R2	Network element supported with the following limitations: (Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). (PTS 505396) Dynamic Updates For Residential Subscribers. Subscriber Management MIB improvements prevent 5620 SAM from properly handling changes to residential subscribers when initiated from the network element. Full resynchronization of the network element is required to capture current Residential Subscriber information.
5620 SAM 4.0 R1	Network element supported with the following limitations: (Feature Enhancement) OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). (PTS 500630) Static Routes With Un-numbered Interfaces. 5620 SAM does not support the creation of static routes with un-numbered interfaces.

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Table 150: 7450 ESS 3.0 R19 through R20

5620 SAM Release	Compatibility Statement (7450 ESS 3.0 R19 through R20)
5620 SAM 6.0 R1 and above	<p>Network element <u>not</u> supported.</p> <p>5620 SAM does not support management of this router version.</p>
5620 SAM 5.0 R6 through R11	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IES Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES Interfaces.</p> <p>(PTS 495339) Support for Additional OSPF Timer Options. New OSPF timers - lsa-arrival, lsa-general and spf-max-wait - cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.</p>
5620 SAM 5.0 R2 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) IES Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES Interfaces.</p> <p>(PTS 495339) Support for Additional OSPF Timer Options. New OSPF timers - lsa-arrival, lsa-general and spf-max-wait - cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.</p>
5620 SAM 5.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p> <p>(Feature Enhancement) IES Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES Interfaces.</p> <p>(PTS 495339) Support for Additional OSPF Timer Options. New OSPF timers - lsa-arrival, lsa-general and spf-max-wait - cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.</p>
5620 SAM 4.0 R1 through R12	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p> <p>(Feature Enhancement) IES Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES Interfaces.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 3.0 R19 through R20)
	<p>(PTS 495339) Support for Additional OSPF Timer Options. New OSPF timers - lsa-arrival, lsa-general and spf-max-wait - cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.</p>
5620 SAM 3.0 R5 through R10	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p> <p>(Feature Enhancement) IES Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES Interfaces.</p> <p>(PTS 504594) Accounting Policies. Accounting policies must be shut down before deletion.</p> <p>(PTS 495339) Support for Additional OSPF Timer Options. New OSPF timers - lsa-arrival, lsa-general and spf-max-wait - cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.</p>
5620 SAM 3.0 R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p> <p>(Feature Enhancement) IES Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES Interfaces.</p> <p>(PTS 504594) Accounting Policies. Accounting policies must be shut down before deletion.</p> <p>(PTS 495339) Support for Additional OSPF Timer Options. New OSPF timers - lsa-arrival, lsa-general and spf-max-wait - cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.</p> <p>(PTS 493260) MPLS LSP Re-signal Timer. 5620 SAM should not support the value range [1-29] for MPLS re-signal timer. The valid range for this field is [0, 30...10080].</p>
5620 SAM 3.0 R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p> <p>(Feature Enhancement) IES Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES Interfaces.</p> <p>(PTS 504594) Accounting Policies. Accounting policies must be shut down before deletion.</p> <p>(PTS 495339) Support for Additional OSPF Timers. New OSPF timers - lsa-arrival and lsa-general and spf-max-wait - cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 3.0 R19 through R20)
	<p>(PTS 493285) OSPF Timer Enhancements. Limited support has been added for the new OSPF routing instance spf-wait command: spf-max-wait is not supported, spf-initial-wait is equivalent to spacing and spf-second-wait is equivalent to holdtime. For spf-second-wait and spf-initial-wait, 5620 SAM will only allow the user to configure a value between [0 .. 60000] - the valid range on the router is [1..100000]. Attempting to configure a value outside the 5620 SAM accepted range will prevent the user from altering other parameters of the OSPF routing instance.</p> <p>(PTS 493260) MPLS LSP Re-signal Timer. 5620 SAM should not support the value range [1-29] for MPLS re-signal timer. The valid range for this field is [0, 30...10080].</p>
5620 SAM 3.0 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p> <p>(Feature Enhancement) IES Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES Interfaces.</p> <p>(PTS 504594) Accounting Policies. Accounting policies must be shut down before deletion.</p> <p>(Feature Enhancement) LAG on Access Q-in-Q Encapsulation. 5620 SAM does not support the LAG on Access Q-in-Q feature.</p> <p>(PTS 495339) Support for Additional OSPF Timers. New OSPF timers - lsa-arrival and lsa-general and spf-max-wait - cannot be configured via 5620 SAM.</p> <p>(PTS 493285) OSPF Timer Enhancements. Limited support has been added within 5620 SAM for the new OSPF routing instance spf-wait command: spf-max-wait is not supported, spf-initial-wait is equivalent to spacing and spf-second-wait is equivalent to holdtime. For spf-second-wait and spf-initial-wait, 5620 SAM will only allow the user to configure a value between [0 .. 60000] - the valid range on the router is [1..100000]. Attempting to configure a value outside the 5620 SAM accepted range will prevent the user from altering other parameters of the OSPF routing instance.</p>

Table 151: 7450 ESS 3.0 R15 through R18

5620 SAM Release	Compatibility Statement (7450 ESS 3.0 R15 through R18)
5620 SAM 6.0 R1 and above	<p>Network element <u>not</u> supported.</p> <p>5620 SAM does not support management of this router version.</p>
5620 SAM 5.0 R2 through R11	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IES Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES Interfaces.</p> <p>(PTS 495339) Support for Additional OSPF Timer Options. New OSPF timers - lsa-arrival, lsa-general and spf-max-wait - cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.</p>
5620 SAM 5.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p> <p>(Feature Enhancement) IES Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES Interfaces.</p> <p>(PTS 495339) Support for Additional OSPF Timer Options. New OSPF timers - lsa-arrival, lsa-general and spf-max-wait - cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.</p>
5620 SAM 4.0 R1 through R12	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p> <p>(Feature Enhancement) IES Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES Interfaces.</p> <p>(PTS 495339) Support for Additional OSPF Timer Options. New OSPF timers - lsa-arrival, lsa-general and spf-max-wait - cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.</p>
5620 SAM 3.0 R5 through R10	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p> <p>(Feature Enhancement) IES Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES Interfaces.</p> <p>(PTS 504594) Accounting Policies. Accounting policies must be shut down before deletion.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 3.0 R15 through R18)
	<p>(PTS 495339) Support for Additional OSPF Timer Options. New OSPF timers - lsa-arrival, lsa-general and spf-max-wait - cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.</p>
5620 SAM 3.0 R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p> <p>(Feature Enhancement) IES Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES Interfaces.</p> <p>(PTS 504594) Accounting Policies. Accounting policies must be shut down before deletion.</p> <p>(PTS 495339) Support for Additional OSPF Timer Options. New OSPF timers - lsa-arrival, lsa-general and spf-max-wait - cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.</p> <p>(PTS 493260) MPLS LSP Re-signal Timer. 5620 SAM should not support the value range [1-29] for MPLS re-signal timer. The valid range for this field is [0, 30...10080].</p>
5620 SAM 3.0 R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p> <p>(Feature Enhancement) IES Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES Interfaces.</p> <p>(PTS 504594) Accounting Policies. Accounting policies must be shut down before deletion.</p> <p>(PTS 495339) Support for Additional OSPF Timers. New OSPF timers - lsa-arrival and lsa-general and spf-max-wait - cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.</p> <p>(PTS 493285) OSPF Timer Enhancements. Limited support has been added for the new OSPF routing instance spf-wait command: spf-max-wait is not supported, spf-initial-wait is equivalent to spacing and spf-second-wait is equivalent to holdtime. For spf-second-wait and spf-initial-wait, 5620 SAM will only allow the user to configure a value between [0 .. 60000] - the valid range on the router is [1..100000]. Attempting to configure a value outside the 5620 SAM accepted range will prevent the user from altering other parameters of the OSPF routing instance.</p> <p>(PTS 493260) MPLS LSP Re-signal Timer. 5620 SAM should not support the value range [1-29] for MPLS re-signal timer. The valid range for this field is [0, 30...10080].</p>

5620 SAM Release	Compatibility Statement (7450 ESS 3.0 R15 through R18)
5620 SAM 3.0 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p> <p>(Feature Enhancement) IES Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES Interfaces.</p> <p>(PTS 504594) Accounting Policies. Accounting policies must be shut down before deletion.</p> <p>(Feature Enhancement) LAG on Access Q-in-Q Encapsulation. 5620 SAM does not support the LAG on Access Q-in-Q feature.</p> <p>(PTS 495339) Support for Additional OSPF Timers. New OSPF timers - lsa-arrival and lsa-general and spf-max-wait - cannot be configured via 5620 SAM.</p> <p>(PTS 493285) OSPF Timer Enhancements. Limited support has been added within 5620 SAM for the new OSPF routing instance spf-wait command: spf-max-wait is not supported, spf-initial-wait is equivalent to spacing and spf-second-wait is equivalent to holdtime. For spf-second-wait and spf-initial-wait, 5620 SAM will only allow the user to configure a value between [0 .. 60000] - the valid range on the router is [1..100000]. Attempting to configure a value outside the 5620 SAM accepted range will prevent the user from altering other parameters of the OSPF routing instance.</p>

Table 152: 7450 ESS 3.0 R12 through R14

5620 SAM Release	Compatibility Statement (7450 ESS 3.0 R12 through R14)
5620 SAM 6.0 R1 and above	<p>Network element <u>not</u> supported.</p> <p>5620 SAM does not support management of this router version.</p>
5620 SAM 5.0 R1 through R11	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IES Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES Interfaces.</p> <p>(PTS 495339) Support for Additional OSPF Timer Options. New OSPF timers - lsa-arrival, lsa-general and spf-max-wait - cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.</p>
5620 SAM 4.0 R1 through R12	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IES Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES Interfaces.</p> <p>(PTS 495339) Support for Additional OSPF Timer Options. New OSPF timers - lsa-arrival, lsa-general and spf-max-wait - cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.</p>
5620 SAM 3.0 R5 through R10	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IES Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES Interfaces.</p> <p>(PTS 504594) Accounting Policies. Accounting policies must be shut down before deletion.</p> <p>(PTS 495339) Support for Additional OSPF Timer Options. New OSPF timers - lsa-arrival, lsa-general and spf-max-wait - cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.</p>
5620 SAM 3.0 R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IES Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES Interfaces.</p> <p>(PTS 504594) Accounting Policies. Accounting policies must be shut down before deletion.</p> <p>(PTS 495339) Support for Additional OSPF Timer Options. New OSPF timers - lsa-arrival, lsa-general and spf-max-wait - cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.</p> <p>(PTS 493260) MPLS LSP Re-signal Timer. 5620 SAM should not support the value</p>

5620 SAM Release	Compatibility Statement (7450 ESS 3.0 R12 through R14)
	range [1-29] for MPLS re-signal timer. The valid range for this field is [0, 30...10080].
5620 SAM 3.0 R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IES Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES Interfaces.</p> <p>(PTS 504594) Accounting Policies. Accounting policies must be shut down before deletion.</p> <p>(PTS 495339) Support for Additional OSPF Timers. New OSPF timers - lsa-arrival and lsa-general and spf-max-wait - cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.</p> <p>(PTS 493285) OSPF Timer Enhancements. Limited support has been added for the new OSPF routing instance spf-wait command: spf-max-wait is not supported, spf-initial-wait is equivalent to spacing and spf-second-wait is equivalent to holdtime. For spf-second-wait and spf-initial-wait, 5620 SAM will only allow the user to configure a value between [0 .. 60000] - the valid range on the router is [1..100000]. Attempting to configure a value outside the 5620 SAM accepted range will prevent the user from altering other parameters of the OSPF routing instance.</p> <p>(PTS 493260) MPLS LSP Re-signal Timer. 5620 SAM should not support the value range [1-29] for MPLS re-signal timer. The valid range for this field is [0, 30...10080].</p>
5620 SAM 3.0 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IES Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES Interfaces.</p> <p>(PTS 504594) Accounting Policies. Accounting policies must be shut down before deletion.</p> <p>(Feature Enhancement) LAG on Access Q-in-Q Encapsulation. 5620 SAM does not support the LAG on Access Q-in-Q feature.</p> <p>(PTS 495339) Support for Additional OSPF Timers. New OSPF timers - lsa-arrival and lsa-general and spf-max-wait - cannot be configured via 5620 SAM.</p> <p>(PTS 493285) OSPF Timer Enhancements. Limited support has been added within 5620 SAM for the new OSPF routing instance spf-wait command: spf-max-wait is not supported, spf-initial-wait is equivalent to spacing and spf-second-wait is equivalent to holdtime. For spf-second-wait and spf-initial-wait, 5620 SAM will only allow the user to configure a value between [0 .. 60000] - the valid range on the router is [1..100000]. Attempting to configure a value outside the 5620 SAM accepted range will prevent the user from altering other parameters of the OSPF routing instance.</p>

Table 153: 7450 ESS 3.0 R11

5620 SAM Release	Compatibility Statement (7450 ESS 3.0 R11)
5620 SAM 6.0 R1 and above	<p>Network element <u>not</u> supported.</p> <p>5620 SAM does not support management of this router version.</p>
5620 SAM 5.0 R1 through R11	<p>Network element supported with the following limitations:</p> <p>(PTS 495339) Support for Additional OSPF Timer Options. New OSPF timers - lsa-arrival, lsa-general and spf-max-wait - cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.</p>
5620 SAM 4.0 R1 through R12	<p>Network element supported with the following limitations:</p> <p>(PTS 495339) Support for Additional OSPF Timer Options. New OSPF timers - lsa-arrival, lsa-general and spf-max-wait - cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.</p>
5620 SAM 3.0 R5 through R10	<p>Network element supported with the following limitations:</p> <p>(PTS 504594) Accounting Policies. Accounting policies must be shut down before deletion.</p> <p>(PTS 495339) Support for Additional OSPF Timer Options. New OSPF timers - lsa-arrival, lsa-general and spf-max-wait - cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.</p>
5620 SAM 3.0 R4	<p>Network element supported with the following limitations:</p> <p>(PTS 504594) Accounting Policies. Accounting policies must be shut down before deletion.</p> <p>(PTS 495339) Support for Additional OSPF Timer Options. New OSPF timers - lsa-arrival, lsa-general and spf-max-wait - cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.</p> <p>(PTS 493260) MPLS LSP Re-signal Timer. 5620 SAM should not support the value range [1-29] for MPLS re-signal timer. The valid range for this field is [0, 30...10080].</p>
5620 SAM 3.0 R3	<p>Network element supported with the following limitations:</p> <p>(PTS 504594) Accounting Policies. Accounting policies must be shut down before deletion.</p> <p>(PTS 495339) Support for Additional OSPF Timers. New OSPF timers - lsa-arrival and lsa-general and spf-max-wait - cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.</p>

5620 SAM Release	Compatibility Statement (7450 ESS 3.0 R11)
	<p>(PTS 493285) OSPF Timer Enhancements. Limited support has been added for the new OSPF routing instance spf-wait command: spf-max-wait is not supported, spf-initial-wait is equivalent to spacing and spf-second-wait is equivalent to holdtime. For spf-second-wait and spf-initial-wait, 5620 SAM will only allow the user to configure a value between [0 .. 60000] - the valid range on the router is [1..100000]. Attempting to configure a value outside the 5620 SAM accepted range will prevent the user from altering other parameters of the OSPF routing instance.</p> <p>(PTS 493260) MPLS LSP Re-signal Timer. 5620 SAM should not support the value range [1-29] for MPLS re-signal timer. The valid range for this field is [0, 30...10080].</p>
5620 SAM 3.0 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(PTS 504594) Accounting Policies. Accounting policies must be shut down before deletion.</p> <p>(Feature Enhancement) LAG on Access Q-in-Q Encapsulation. 5620 SAM does not support the LAG on Access Q-in-Q feature.</p> <p>(PTS 495339) Support for Additional OSPF Timers. New OSPF timers - lsa-arrival and lsa-general and spf-max-wait - cannot be configured via 5620 SAM.</p> <p>(PTS 493285) OSPF Timer Enhancements. Limited support has been added within 5620 SAM for the new OSPF routing instance spf-wait command: spf-max-wait is not supported, spf-initial-wait is equivalent to spacing and spf-second-wait is equivalent to holdtime. For spf-second-wait and spf-initial-wait, 5620 SAM will only allow the user to configure a value between [0 .. 60000] - the valid range on the router is [1..100000]. Attempting to configure a value outside the 5620 SAM accepted range will prevent the user from altering other parameters of the OSPF routing instance.</p>

Table 154: 7450 ESS 3.0 R5 through R10

5620 SAM Release	Compatibility Statement (7450 ESS 3.0 R5 through R10)
5620 SAM 6.0 R1 and above	<p>Network element <u>not</u> supported.</p> <p>5620 SAM does not support management of this router version.</p>
5620 SAM 5.0 R1 through R11	<p>Network element supported with the following limitations:</p> <p>(PTS 495339) Support for Additional OSPF Timer Options. New OSPF timers - lsa-arrival, lsa-general and spf-max-wait - cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.</p>
5620 SAM 4.0 R1 through R12	<p>Network element supported with the following limitations:</p> <p>(PTS 495339) Support for Additional OSPF Timer Options. New OSPF timers - lsa-arrival, lsa-general and spf-max-wait - cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.</p>
5620 SAM 3.0 R5 through R10	<p>Network element supported with the following limitations:</p> <p>(PTS 495339) Support for Additional OSPF Timer Options. New OSPF timers - lsa-arrival, lsa-general and spf-max-wait - cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.</p>
5620 SAM 3.0 R4	<p>Network element supported with the following limitations:</p> <p>(PTS 495339) Support for Additional OSPF Timer Options. New OSPF timers - lsa-arrival, lsa-general and spf-max-wait - cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.</p> <p>(PTS 493260) MPLS LSP Re-signal Timer. 5620 SAM should not support the value range [1-29] for MPLS re-signal timer. The valid range for this field is [0, 30...10080].</p>
5620 SAM 3.0 R3	<p>Network element supported with the following limitations:</p> <p>(PTS 495339) Support for Additional OSPF Timers. New OSPF timers - lsa-arrival and lsa-general and spf-max-wait - cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.</p> <p>(PTS 493285) OSPF Timer Enhancements. Limited support has been added for the new OSPF routing instance spf-wait command: spf-max-wait is not supported, spf-initial-wait is equivalent to spacing and spf-second-wait is equivalent to holdtime. For spf-second-wait and spf-initial-wait, 5620 SAM will only allow the user to configure a value between [0 .. 60000] - the valid range on the router is [1..100000]. Attempting to configure a value outside the 5620 SAM accepted range will prevent the user from altering other parameters of the OSPF routing instance.</p> <p>(PTS 493260) MPLS LSP Re-signal Timer. 5620 SAM should not support the value</p>

5620 SAM Release	Compatibility Statement (7450 ESS 3.0 R5 through R10)
	range [1-29] for MPLS re-signal timer. The valid range for this field is [0, 30...10080].
5620 SAM 3.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LAG on Access Q-in-Q Encapsulation. 5620 SAM does not support the LAG on Access Q-in-Q feature.</p> <p>(PTS 495339) Support for Additional OSPF Timers. New OSPF timers - lsa-arrival and lsa-general and spf-max-wait - cannot be configured via 5620 SAM.</p> <p>(PTS 493285) OSPF Timer Enhancements. Limited support has been added within 5620 SAM for the new OSPF routing instance spf-wait command: spf-max-wait is not supported, spf-initial-wait is equivalent to spacing and spf-second-wait is equivalent to holdtime. For spf-second-wait and spf-initial-wait, 5620 SAM will only allow the user to configure a value between [0 .. 60000] - the valid range on the router is [1..100000]. Attempting to configure a value outside the 5620 SAM accepted range will prevent the user from altering other parameters of the OSPF routing instance.</p>

Table 155: 7450 ESS 3.0 R3 through R4

5620 SAM Release	Compatibility Statement (7450 ESS 3.0 R3 through R4)
5620 SAM 6.0 R1 and above	Network element <u>not</u> supported. 5620 SAM does not support management of this router version.
5620 SAM 5.0 R1 through R11	Network element supported as per 5620 SAM Release Description.
5620 SAM 4.0 R1 through R12	Network element supported as per 5620 SAM Release Description.
5620 SAM 3.0 R3 through R10	Network element supported as per 5620 SAM Release Description.
5620 SAM 3.0 R1 through R2	Network element supported with the following limitations: (Feature Enhancement) LAG on Access Q-in-Q Encapsulation. 5620 SAM does not support the LAG on Access Q-in-Q feature. (PTS 489144) MPLS LSP Re-signal Timer. 5620 SAM supports the range [0, 30-10080] for MPLS re-signal timer. 5620 SAM does not support the values [1-29] whereas the node supports the complete value range of [0-10080] for this attribute.

Table 156: 7450 ESS 3.0 R1 through R2

5620 SAM Release	Compatibility Statement (7450 ESS 3.0 R1 through R2)
5620 SAM 6.0 R1 and above	Network element <u>not</u> supported. 5620 SAM does not support management of this router version.
5620 SAM 5.0 R1 through R11	Network element supported as per 5620 SAM Release Description.
5620 SAM 4.0 R1 through R12	Network element supported as per 5620 SAM Release Description.
5620 SAM 3.0 R1 through R10	Network element supported as per 5620 SAM Release Description.

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Table 157: 7450 ESS 2.0 R10

5620 SAM Release	Compatibility Statement (7450 ESS 2.0 R10)
5620 SAM 5.0 R1 and above	Network element <u>not</u> supported. 5620 SAM does not support management of this router version.
5620 SAM 4.0 R1 through R12	Network element supported as per 5620 SAM Release Description.
5620 SAM 3.0 R5 through R10	Network element supported as per 5620 SAM Release Description.
5620 SAM 3.0 R1 through R4	Network element <u>not</u> supported: (PTS 495704) Discovery Management. 5620 SAM does not support management of this router version.
5620 SAM 2.1 R1 through R5	Network element <u>not</u> supported: (PTS 495704) Discovery Management. 5620 SAM does not support management of this router version.
5620 SAM 2.0 R5 through R6	Network element <u>not</u> supported: (PTS 495704) Discovery Management. 5620 SAM does not support management of this router version.

Table 158: 7450 ESS 2.0 R5 through R9

5620 SAM Release	Compatibility Statement (7450 ESS 2.0 R5 through R9)
5620 SAM 5.0 R1 and above	Network element <u>not</u> supported. 5620 SAM does not support management of this router version.
5620 SAM 4.0 R1 through R12	Network element supported as per 5620 SAM Release Description.
5620 SAM 3.0 R1 through R10	Network element supported as per 5620 SAM Release Description.
5620 SAM 2.1 R1 through R5	Network element supported as per 5620 SAM Release Description.
5620 SAM 2.0 R5 through R6	Network element supported with the following limitations: (Feature Enhancement) 7450 2.0 Support. 5620 SAM will discover and reconcile 7450 ESS 2.0 hardware but only 7450 ESS 1.0 level functionality can exist or be configured on the network element.

Table 159: 7450 ESS 2.0 R4 ²

5620 SAM Release	Compatibility Statement (7450 ESS 2.0 R4)
5620 SAM 5.0 R1 and above	Network element <u>not</u> supported. 5620 SAM does not support management of this router version.
5620 SAM 4.0 R1 through R12	Network element supported as per 5620 SAM Release Description.
5620 SAM 3.0 R1 through R10	Network element supported as per 5620 SAM Release Description.
5620 SAM 2.1 R1 through R5	Network element supported as per 5620 SAM Release Description.
5620 SAM 2.0 R5 through R6	Network element supported with the following limitations: (Feature Enhancement) 7450 2.0 Support. 5620 SAM will discover and reconcile 7450 ESS 2.0 hardware but only 7450 ESS 1.0 level functionality can exist or be configured on the network element.

² Note: The 7450 Ethernet Service Switch Release 2.0 R3 was never released to the field

Table 160: 7450 ESS 2.0 R2

5620 SAM Release	Compatibility Statement (7450 ESS 2.0 R2)
5620 SAM 5.0 R1 and above	Network element <u>not</u> supported. 5620 SAM does not support management of this router version.
5620 SAM 4.0 R1 through R12	Network element supported as per 5620 SAM Release Description.
5620 SAM 3.0 R1 through R10	Network element supported as per 5620 SAM Release Description.
5620 SAM 2.1 R1 through R5	Network element supported as per 5620 SAM Release Description.
5620 SAM 2.0 R5 through R6	Network element supported with the following limitations: (Feature Enhancement) 7450 2.0 Support. 5620 SAM will discover and reconcile 7450 ESS 2.0 hardware but only 7450 ESS 1.0 level functionality can exist or be configured on the network element.

Table 161: 7450 ESS 2.0 R1

5620 SAM Release	Compatibility Statement (7450 ESS 2.0 R1)
5620 SAM 5.0 R1 and above	Network element <u>not</u> supported. 5620 SAM does not support management of this router version.
5620 SAM 4.0 R1 through R12	Network element supported with the following limitations: (Router Enhancement) VPLS Split Horizon Groups . 5620 SAM does not resynchronize VPLS split horizon group information. The service can be provisioned using 5620 SAM, but the information will not be resynchronized.
5620 SAM 3.0 R1 through R10	Network element supported with the following limitations: (Router Enhancement) VPLS Split Horizon Groups . 5620 SAM does not resynchronize VPLS split horizon group information. The service can be provisioned using 5620 SAM, but the information will not be resynchronized.
5620 SAM 2.1 R1 through R5	Network element supported with the following limitations: (Router Enhancement) VPLS Split Horizon Groups . 5620 SAM does not resynchronize VPLS split horizon group information. The service can be provisioned using 5620 SAM, but the information will not be resynchronized.
5620 SAM 2.0 R5 through R6	Network element supported with the following limitations: (Feature Enhancement) 7450 2.0 Support . 5620 SAM will discover and reconcile 7450 ESS 2.0 hardware but only 7450 ESS 1.0 level functionality can exist or be configured on the network element.

Alcatel-Lucent 7450 Ethernet Service Switch Release 1.0**Table 162:** 7450 ESS 1.0 R1 through R6

5620 SAM Release	Compatibility Statement (7450 ESS 1.0 R1 through R6)
5620 SAM 4.0 R1 and above	Network element <u>not</u> supported. 5620 SAM does not support management of this router version.
5620 SAM 3.0 R1 through R10	Network element supported as per 5620 SAM Release Description.
5620 SAM 2.1 R1 through R5	Network element supported as per 5620 SAM Release Description.
5620 SAM 2.0 R5 through R6	Network element supported as per 5620 SAM Release Description.

3.3 Alcatel-Lucent 7710 Service Router

Alcatel-Lucent 7710 Service Router Release 8.0

Table 163: 7710 SR 8.0 R5

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R5)
5620 SAM 8.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IPv6 Address /127 Netmask Support. 5620 SAM does not support /127 netmasks for IPv6 addresses.</p> <p>(Feature Enhancement) GARP for Outer VLAN Access Interfaces. 5620 SAM does not support GARP after SRRP Switchover on outer VLAN Access Interfaces.</p> <p>(Feature Enhancement) Multicast over PPPoE Sessions. 5620 SAM does not support multicast of PPPoE sessions.</p> <p>(Feature Enhancement) RFC 4379 Timestamp for OAM/SAA. 5620 SAM does not support RFC 4379 Timestamps for OAM.</p> <p>(Feature Enhancement) 802.1ag MA Association Naming for Y1731 Eth-OAM MEGs. 5620 SAM does not support 802.1ag MA Association name formats of type integer, string, vid, vpn-id for Y1731 Eth-OAM MEGs. [587671]</p> <p>(Feature Enhancement) IGMP Tunnel Interface Administrative State. 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675]</p> <p>(Feature Enhancement) VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]</p> <p>(Feature Enhancement) Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]</p> <p>(Feature Enhancement) Uni-directional APS Support. 5620 SAM does not support Uni-directional APS. [581463]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R5)
	<p>not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2</p>

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R5)
	<p>Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R3	Network element supported with the following limitations:

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R5)
through R4	<p>(Feature Enhancement) IPv6 Support on IPipe. 5620 SAM does not support IPv6 for IPipes.</p> <p>(Feature Enhancement) RSVP-TE P2MP I-PMSI. 5620 SAM does not support RSVP-TE P2MP I-PMSI.</p> <p>(Feature Enhancement) SC-APS Support for MLPPP on Network Ports. 5620 SAM does not support MLPPP on Network Ports for SC-APS.</p> <p>(Feature Enhancement) Ethernet CFM Frame Rate Limiting. 5620 SAM does not support Ethernet CFM Frame Rate Limiting.</p> <p>(Feature Enhancement) IPv6 Address /127 Netmask Support. 5620 SAM does not support /127 netmasks for IPv6 addresses.</p> <p>(Feature Enhancement) QinQ Untagged Frames “.0”. 5620 SAM does not support QinQ Untagged Frames (.0) for L2 and L3 Access Interfaces.</p> <p>(Feature Enhancement) GARP for Outer VLAN Access Interfaces. 5620 SAM does not support GARP after SRRP Switchover on outer VLAN Access Interfaces.</p> <p>(PTS 587339) IGMP Tunnel Interface Deployment Failure. 5620 SAM does not support creation of IGMP Tunnel Interfaces of type RSVP. A deployment failure will occur upon attempted creation.</p> <p>(Feature Enhancement) Full SSM/ESMC Support. 5620 SAM does not support full SSM/ESMC capability for clock source quality level received via SSM of SDH/SONET/BITS ports or ESMC of synchronous Ethernet ports for system timing reference selection.</p> <p>(Feature Enhancement) Uni-Directional APS Service Parity for SONET/SDH Channelized and Non-Channelized Interfaces. 5620 SAM does not support uni-directional APS service parity for SONET/SDH channelized and non-channelized interfaces for MDAs/CMAs that previously only supported bi-directional switching mode APS.</p> <p>(Feature Enhancement) DIAMETER Credit Control On-line Charging. 5620 SAM does not support on-line charging with DIAMETER Credit Control.</p> <p>(Feature Enhancement) Multicast over PPPoE Sessions. 5620 SAM does not support multicast of PPPoE sessions.</p> <p>(Feature Enhancement) Remove/Add/Modify Domain Names in RADIUS Authentication. 5620 SAM does not support add/remove/replace for strings used as domain names in PAP/CHAP authentication.</p> <p>(Feature Enhancement) Multiple RADIUS Authentication Based On Domain Name. 5620 SAM does not support multiple RADIUS Authentication based on Domain Name (Pre-Authentication in LUDB).</p> <p>(Feature Enhancement) IPoE User Name Option 61/60. 5620 SAM does not support RADIUS User Name Format: DHCP Option 61/60.</p> <p>(Feature Enhancement) ESM IPv6 Local User Database (LUDB) for IPoE. 5620 SAM does not support ESM IPv6 Local User Database (LUDB) for IPoE.</p>

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R5)
	<p>(Feature Enhancement) ATM Aware QoS for Broadband Network Gateway. 5620 SAM does not support ATM/ethernet last-mile aware QoS for broadband network gateway.</p> <p>(Feature Enhancement) Queue Parent Weight Override. 5620 SAM does not support queue parent weight override.</p> <p>(Feature Enhancement) QoS Burst Management. 5620 SAM does not support QoS Burst Management.</p> <p>(Feature Enhancement) Multicast Over LDP P2MP LSP. 5620 SAM does not support multicast over LDP P2MP LSP.</p> <p>(Feature Enhancement) LSP Automatic Bandwidth Adjustment. 5620 SAM does not support LSP Automatic Bandwidth Adjustment.</p> <p>(Feature Enhancement) PBB Support for RFC 3107. 5620 SAM does not support PBB for RFC 3107 (BGP LSP for PBB-VPLS Services).</p> <p>(Feature Enhancement) LDP FEC to BGP Label Route Stitching. 5620 SAM does not support LDP FEC to BGP label route stitching.</p> <p>(Feature Enhancement) SDP-Configurable Tunnel Destination Address. 5620 SAM does not support SDP-configurable tunnel destination address.</p> <p>(Feature Enhancement) HSDPA Offload Fallback Over ATM . 5620 SAM does not support HSDPA offload fallback over ATM.</p> <p>(Feature Enhancement) RADIUS Authentication Policy Down Time. 5620 SAM does not support RADIUS authentication policy down time.</p> <p>(Feature Enhancement) CoA-Only RADIUS Server. 5620 SAM does not support CoA-only RADIUS server.</p> <p>(Feature Enhancement) TACACS+ 128-Character Secret Key. 5620 SAM does not support 128 characters for the TACACS+ secret key.</p> <p>(Feature Enhancement) LAG LACP System-ID Configuration. 5620 SAM does not support configuration of the LACP System-ID for LAGs.</p> <p>(Feature Enhancement) BGP Prefix Limit Threshold Percentage and Log-only. 5620 SAM does not support configuration threshold limit percentage and log-only parameters for BGP peers.</p> <p>(Feature Enhancement) IS-IS Default IPv4 and IPv6 Metric Values. 5620 SAM does not support IPv4 and IPv6 default metrics for IS-IS interfaces.</p> <p>(Feature Enhancement) RFC 4379 Timestamp for OAM/SAA. 5620 SAM does not support RFC 4379 Timestamps for OAM.</p> <p>(Feature Enhancement) 802.1ag MA Association Naming for Y1731 Eth-OAM MEGs. 5620 SAM does not support 802.1ag MA Association name formats of type integer, string, vid, vpn-id for Y1731 Eth-OAM MEGs. [587671]</p> <p>(Feature Enhancement) IGMP Tunnel Interface Administrative State. 5620 SAM</p>

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R5)
	<p>does not support administrative state for IGMP Tunnel Interfaces. [587673]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675]</p> <p>(Feature Enhancement) VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]</p> <p>(Feature Enhancement) Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]</p> <p>(Feature Enhancement) Uni-directional APS Support. 5620 SAM does not support Uni-directional APS. [581463]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p>

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R5)
	<p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for</p>

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R5)
	<p>MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IPv6 Support on IPipe. 5620 SAM does not support IPv6 for IPipes.</p> <p>(Feature Enhancement) RSVP-TE P2MP I-PMSI. 5620 SAM does not support RSVP-TE P2MP I-PMSI.</p> <p>(Feature Enhancement) SC-APS Support for MLPPP on Network Ports. 5620 SAM</p>

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R5)
	<p>does not support MLPPP on Network Ports for SC-APS.</p> <p>(Feature Enhancement) Ethernet CFM Frame Rate Limiting. 5620 SAM does not support Ethernet CFM Frame Rate Limiting.</p> <p>(Feature Enhancement) IPv6 Address /127 Netmask Support. 5620 SAM does not support /127 netmasks for IPv6 addresses.</p> <p>(Feature Enhancement) QinQ Untagged Frames “.0”. 5620 SAM does not support QinQ Untagged Frames (.0) for L2 and L3 Access Interfaces.</p> <p>(Feature Enhancement) GARP for Outer VLAN Access Interfaces. 5620 SAM does not support GARP after SRRP Switchover on outer VLAN Access Interfaces.</p> <p>(PTS 587339) IGMP Tunnel Interface Deployment Failure. 5620 SAM does not support creation of IGMP Tunnel Interfaces of type RSVP. A deployment failure will occur upon attempted creation.</p> <p>(Feature Enhancement) Full SSM/ESMC Support. 5620 SAM does not support full SSM/ESMC capability for clock source quality level received via SSM of SDH/SONET/BITS ports or ESMC of synchronous Ethernet ports for system timing reference selection.</p> <p>(Feature Enhancement) Uni-Directional APS Service Parity for SONET/SDH Channelized and Non-Channelized Interfaces. 5620 SAM does not support uni-directional APS service parity for SONET/SDH channelized and non-channelized interfaces for MDAs/CMAs that previously only supported bi-directional switching mode APS.</p> <p>(Feature Enhancement) DIAMETER Credit Control On-line Charging. 5620 SAM does not support on-line charging with DIAMETER Credit Control.</p> <p>(Feature Enhancement) Multicast over PPPoE Sessions. 5620 SAM does not support multicast of PPPoE sessions.</p> <p>(Feature Enhancement) Remove/Add/Modify Domain Names in RADIUS Authentication. 5620 SAM does not support add/remove/replace for strings used as domain names in PAP/CHAP authentication.</p> <p>(Feature Enhancement) Multiple RADIUS Authentication Based On Domain Name. 5620 SAM does not support multiple RADIUS Authentication based on Domain Name (Pre-Authentication in LUDB).</p> <p>(Feature Enhancement) IPoE User Name Option 61/60. 5620 SAM does not support RADIUS User Name Format: DHCP Option 61/60.</p> <p>(Feature Enhancement) ESM IPv6 Local User Database (LUDB) for IPoE. 5620 SAM does not support ESM IPv6 Local User Database (LUDB) for IPoE.</p> <p>(Feature Enhancement) ATM Aware QoS for Broadband Network Gateway. 5620 SAM does not support ATM/ethernet last-mile aware QoS for broadband network gateway.</p> <p>(Feature Enhancement) Queue Parent Weight Override. 5620 SAM does not support queue parent weight override.</p>

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R5)
	<p>(Feature Enhancement) QoS Burst Management. 5620 SAM does not support QoS Burst Management.</p> <p>(Feature Enhancement) Multicast Over LDP P2MP LSP. 5620 SAM does not support multicast over LDP P2MP LSP.</p> <p>(Feature Enhancement) LSP Automatic Bandwidth Adjustment. 5620 SAM does not support LSP Automatic Bandwidth Adjustment.</p> <p>(Feature Enhancement) PBB Support for RFC 3107. 5620 SAM does not support PBB for RFC 3107 (BGP LSP for PBB-VPLS Services).</p> <p>(Feature Enhancement) LDP FEC to BGP Label Route Stitching. 5620 SAM does not support LDP FEC to BGP label route stitching.</p> <p>(Feature Enhancement) SDP-Configurable Tunnel Destination Address. 5620 SAM does not support SDP-configurable tunnel destination address.</p> <p>(Feature Enhancement) HSDPA Offload Fallback Over ATM . 5620 SAM does not support HSDPA offload fallback over ATM.</p> <p>(Feature Enhancement) RADIUS Authentication Policy Down Time. 5620 SAM does not support RADIUS authentication policy down time.</p> <p>(Feature Enhancement) CoA-Only RADIUS Server. 5620 SAM does not support CoA-only RADIUS server.</p> <p>(Feature Enhancement) TACACS+ 128-Character Secret Key. 5620 SAM does not support 128 characters for the TACACS+ secret key.</p> <p>(Feature Enhancement) LAG LACP System-ID Configuration. 5620 SAM does not support configuration of the LACP System-ID for LAGs.</p> <p>(Feature Enhancement) BGP Prefix Limit Threshold Percentage and Log-only. 5620 SAM does not support configuration threshold limit percentage and log-only parameters for BGP peers.</p> <p>(Feature Enhancement) IS-IS Default IPv4 and IPv6 Metric Values. 5620 SAM does not support IPv4 and IPv6 default metrics for IS-IS interfaces.</p> <p>(Feature Enhancement) RFC 4379 Timestamp for OAM/SAA. 5620 SAM does not support RFC 4379 Timestamps for OAM.</p> <p>(Feature Enhancement) LI Activation Enhancements. 5620 SAM does not support LI Activation Enhancements.</p> <p>(Feature Enhancement) LI for LAC Sessions. 5620 SAM does not support LI for LAC Sessions.</p> <p>(Feature Enhancement) SLA Override without SLA-Profile Change. 5620 SAM does not support SLA override without SLA-Profile change.</p> <p>(Feature Enhancement) 802.1ag MA Association Naming for Y1731 Eth-OAM MEGs. 5620 SAM does not support 802.1ag MA Association name formats of type integer, string, vid, vpn-id for Y1731 Eth-OAM MEGs. [587671]</p>

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R5)
	<p>(Feature Enhancement) IGMP Tunnel Interface Administrative State. 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675]</p> <p>(Feature Enhancement) VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]</p> <p>(Feature Enhancement) Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]</p> <p>(Feature Enhancement) Uni-directional APS Support. 5620 SAM does not support Uni-directional APS. [581463]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM</p>

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R5)
	<p>Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620</p>

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R5)
	<p>SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 164: 7710 SR 8.0 R4

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R4)
5620 SAM 8.0 R5	<p>Network element supported with the following limitations:</p> <p>(PTS 592549) IPv6 Standalone PPP-SLAAC or PPP-DHCP6 Mid-Session Change. A mid-session change on an IPv6 PPP-SLAAC or PPP-DHCP6 ESM subscriber host will result in a deployment failure if the host does not also have IPv4 addressing configured (v4/v6 Dual-stack).</p> <p>(Feature Enhancement) RFC 4379 Timestamp for OAM/SAA. 5620 SAM does not support RFC 4379 Timestamps for OAM.</p> <p>(Feature Enhancement) 802.1ag MA Association Naming for Y1731 Eth-OAM MEGs. 5620 SAM does not support 802.1ag MA Association name formats of type integer, string, vid, vpn-id for Y1731 Eth-OAM MEGs. [587671]</p> <p>(Feature Enhancement) IGMP Tunnel Interface Administrative State. 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675]</p> <p>(Feature Enhancement) VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]</p> <p>(Feature Enhancement) Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]</p> <p>(Feature Enhancement) Uni-directional APS Support. 5620 SAM does not support Uni-directional APS. [581463]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p>

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R4)
	<p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p>

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R4)
	<p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R4)
5620 SAM 8.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(PTS 592549) IPv6 Standalone PPP-SLAAC or PPP-DHCP6 Mid-Session Change. A mid-session change on an IPv6 PPP-SLAAC or PPP-DHCP6 ESM subscriber host will result in a deployment failure if the host does not also have IPv4 addressing configured (v4/v6 Dual-stack).</p> <p>(PTS 587339) IGMP Tunnel Interface Deployment Failure. 5620 SAM does not support creation of IGMP Tunnel Interfaces of type RSVP. A deployment failure will occur upon attempted creation.</p> <p>(Feature Enhancement) Full SSM/ESMC Support. 5620 SAM does not support full SSM/ESMC capability for clock source quality level received via SSM of SDH/SONET/BITS ports or ESMC of synchronous Ethernet ports for system timing reference selection.</p> <p>(Feature Enhancement) Uni-Directional APS Service Parity for SONET/SDH Channelized and Non-Channelized Interfaces. 5620 SAM does not support uni-directional APS service parity for SONET/SDH channelized and non-channelized interfaces for MDAs/CMAs that previously only supported bi-directional switching mode APS.</p> <p>(Feature Enhancement) DIAMETER Credit Control On-line Charging. 5620 SAM does not support on-line charging with DIAMETER Credit Control.</p> <p>(Feature Enhancement) Multicast over PPPoE Sessions. 5620 SAM does not support multicast of PPPoE sessions.</p> <p>(Feature Enhancement) Remove/Add/Modify Domain Names in RADIUS Authentication. 5620 SAM does not support add/remove/replace for strings used as domain names in PAP/CHAP authentication.</p> <p>(Feature Enhancement) Multiple RADIUS Authentication Based On Domain Name. 5620 SAM does not support multiple RADIUS Authentication based on Domain Name (Pre-Authentication in LUDB).</p> <p>(Feature Enhancement) IPoE User Name Option 61/60. 5620 SAM does not support RADIUS User Name Format: DHCP Option 61/60.</p> <p>(Feature Enhancement) ESM IPv6 Local User Database (LUDB) for IPoE. 5620 SAM does not support ESM IPv6 Local User Database (LUDB) for IPoE.</p> <p>(Feature Enhancement) ATM Aware QoS for Broadband Network Gateway. 5620 SAM does not support ATM/ethernet last-mile aware QoS for broadband network gateway.</p> <p>(Feature Enhancement) Queue Parent Weight Override. 5620 SAM does not support queue parent weight override.</p> <p>(Feature Enhancement) QoS Burst Management. 5620 SAM does not support QoS Burst Management.</p> <p>(Feature Enhancement) Multicast Over LDP P2MP LSP. 5620 SAM does not support multicast over LDP P2MP LSP.</p> <p>(Feature Enhancement) LSP Automatic Bandwidth Adjustment. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R4)
	<p>support LSP Automatic Bandwidth Adjustment.</p> <p>(Feature Enhancement) PBB Support for RFC 3107. 5620 SAM does not support PBB for RFC 3107 (BGP LSP for PBB-VPLS Services).</p> <p>(Feature Enhancement) LDP FEC to BGP Label Route Stitching. 5620 SAM does not support LDP FEC to BGP label route stitching.</p> <p>(Feature Enhancement) SDP-Configurable Tunnel Destination Address. 5620 SAM does not support SDP-configurable tunnel destination address.</p> <p>(Feature Enhancement) HSDPA Offload Fallback Over ATM. 5620 SAM does not support HSDPA offload fallback over ATM.</p> <p>(Feature Enhancement) RADIUS Authentication Policy Down Time. 5620 SAM does not support RADIUS authentication policy down time.</p> <p>(Feature Enhancement) CoA-Only RADIUS Server. 5620 SAM does not support CoA-only RADIUS server.</p> <p>(Feature Enhancement) TACACS+ 128-Character Secret Key. 5620 SAM does not support 128 characters for the TACACS+ secret key.</p> <p>(Feature Enhancement) LAG LACP System-ID Configuration. 5620 SAM does not support configuration of the LACP System-ID for LAGs.</p> <p>(Feature Enhancement) BGP Prefix Limit Threshold Percentage and Log-only. 5620 SAM does not support configuration threshold limit percentage and log-only parameters for BGP peers.</p> <p>(Feature Enhancement) IS-IS Default IPv4 and IPv6 Metric Values. 5620 SAM does not support IPv4 and IPv6 default metrics for IS-IS interfaces.</p> <p>(Feature Enhancement) RFC 4379 Timestamp for OAM/SAA. 5620 SAM does not support RFC 4379 Timestamps for OAM.</p> <p>(Feature Enhancement) 802.1ag MA Association Naming for Y1731 Eth-OAM MEGs. 5620 SAM does not support 802.1ag MA Association name formats of type integer, string, vid, vpn-id for Y1731 Eth-OAM MEGs. [587671]</p> <p>(Feature Enhancement) IGMP Tunnel Interface Administrative State. 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675]</p> <p>(Feature Enhancement) VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]</p> <p>(Feature Enhancement) Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]</p> <p>(Feature Enhancement) Uni-directional APS Support. 5620 SAM does not support Uni-directional APS. [581463]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R4)
	<p>not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R4)
	<p>Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R4)
	<p>not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(PTS 592549) IPv6 Standalone PPP-SLAAC or PPP-DHCP6 Mid-Session Change. A mid-session change on an IPv6 PPP-SLAAC or PPP-DHCP6 ESM subscriber host will result in a deployment failure if the host does not also have IPv4 addressing configured (v4/v6 Dual-stack).</p> <p>(PTS 587339) IGMP Tunnel Interface Deployment Failure. 5620 SAM does not support creation of IGMP Tunnel Interfaces of type RSVP. A deployment failure will occur upon attempted creation.</p> <p>(Feature Enhancement) Full SSM/ESMC Support. 5620 SAM does not support full SSM/ESMC capability for clock source quality level received via SSM of SDH/SONET/BITS ports or ESMC of synchronous Ethernet ports for system timing reference selection.</p> <p>(Feature Enhancement) Uni-Directional APS Service Parity for SONET/SDH Channelized and Non-Channelized Interfaces. 5620 SAM does not support uni-directional APS service parity for SONET/SDH channelized and non-channelized interfaces for MDAs/CMAs that previously only supported bi-directional switching mode APS.</p> <p>(Feature Enhancement) DIAMETER Credit Control On-line Charging. 5620 SAM does not support on-line charging with DIAMETER Credit Control.</p> <p>(Feature Enhancement) Multicast over PPPoE Sessions. 5620 SAM does not support multicast of PPPoE sessions.</p> <p>(Feature Enhancement) Remove/Add/Modify Domain Names in RADIUS</p>

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R4)
	<p>Authentication. 5620 SAM does not support add/remove/replace for strings used as domain names in PAP/CHAP authentication.</p> <p>(Feature Enhancement) Multiple RADIUS Authentication Based On Domain Name. 5620 SAM does not support multiple RADIUS Authentication based on Domain Name (Pre-Authentication in LUDB).</p> <p>(Feature Enhancement) IPoE User Name Option 61/60. 5620 SAM does not support RADIUS User Name Format: DHCP Option 61/60.</p> <p>(Feature Enhancement) ESM IPv6 Local User Database (LUDB) for IPoE. 5620 SAM does not support ESM IPv6 Local User Database (LUDB) for IPoE.</p> <p>(Feature Enhancement) ATM Aware QoS for Broadband Network Gateway. 5620 SAM does not support ATM/ethernet last-mile aware QoS for broadband network gateway.</p> <p>(Feature Enhancement) Queue Parent Weight Override. 5620 SAM does not support queue parent weight override.</p> <p>(Feature Enhancement) QoS Burst Management. 5620 SAM does not support QoS Burst Management.</p> <p>(Feature Enhancement) Multicast Over LDP P2MP LSP. 5620 SAM does not support multicast over LDP P2MP LSP.</p> <p>(Feature Enhancement) LSP Automatic Bandwidth Adjustment. 5620 SAM does not support LSP Automatic Bandwidth Adjustment.</p> <p>(Feature Enhancement) PBB Support for RFC 3107. 5620 SAM does not support PBB for RFC 3107 (BGP LSP for PBB-VPLS Services).</p> <p>(Feature Enhancement) LDP FEC to BGP Label Route Stitching. 5620 SAM does not support LDP FEC to BGP label route stitching.</p> <p>(Feature Enhancement) SDP-Configurable Tunnel Destination Address. 5620 SAM does not support SDP-configurable tunnel destination address.</p> <p>(Feature Enhancement) HSDPA Offload Fallback Over ATM . 5620 SAM does not support HSDPA offload fallback over ATM.</p> <p>(Feature Enhancement) RADIUS Authentication Policy Down Time. 5620 SAM does not support RADIUS authentication policy down time.</p> <p>(Feature Enhancement) CoA-Only RADIUS Server. 5620 SAM does not support CoA-only RADIUS server.</p> <p>(Feature Enhancement) TACACS+ 128-Character Secret Key. 5620 SAM does not support 128 characters for the TACACS+ secret key.</p> <p>(Feature Enhancement) LAG LACP System-ID Configuration. 5620 SAM does not support configuration of the LACP System-ID for LAGs.</p> <p>(Feature Enhancement) BGP Prefix Limit Threshold Percentage and Log-only. 5620 SAM does not support configuration threshold limit percentage and log-only</p>

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R4)
	<p>parameters for BGP peers.</p> <p>(Feature Enhancement) IS-IS Default IPv4 and IPv6 Metric Values. 5620 SAM does not support IPv4 and IPv6 default metrics for IS-IS interfaces.</p> <p>(Feature Enhancement) RFC 4379 Timestamp for OAM/SAA. 5620 SAM does not support RFC 4379 Timestamps for OAM.</p> <p>(Feature Enhancement) LI Activation Enhancements. 5620 SAM does not support LI Activation Enhancements.</p> <p>(Feature Enhancement) LI for LAC Sessions. 5620 SAM does not support LI for LAC Sessions.</p> <p>(Feature Enhancement) SLA Override without SLA-Profile Change. 5620 SAM does not support SLA override without SLA-Profile change.</p> <p>(Feature Enhancement) 802.1ag MA Association Naming for Y1731 Eth-OAM MEGs. 5620 SAM does not support 802.1ag MA Association name formats of type integer, string, vid, vpn-id for Y1731 Eth-OAM MEGs. [587671]</p> <p>(Feature Enhancement) IGMP Tunnel Interface Administrative State. 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675]</p> <p>(Feature Enhancement) VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]</p> <p>(Feature Enhancement) Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]</p> <p>(Feature Enhancement) Uni-directional APS Support. 5620 SAM does not support Uni-directional APS. [581463]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p>

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R4)
	<p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is</p>

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R4)
	<p>Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p>

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R4)
	<p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 165: 7710 SR 8.0 R3

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R3)
5620 SAM 8.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) 802.1ag MA Association Naming for Y1731 Eth-OAM MEGs. 5620 SAM does not support 802.1ag MA Association name formats of type integer, string, vid, vpn-id for Y1731 Eth-OAM MEGs. [587671]</p> <p>(Feature Enhancement) IGMP Tunnel Interface Administrative State. 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675]</p> <p>(Feature Enhancement) VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]</p> <p>(Feature Enhancement) Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]</p> <p>(Feature Enhancement) Uni-directional APS Support. 5620 SAM does not support Uni-directional APS. [581463]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the</p>

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R3)
	<p>configuration of forwarding class.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p>

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R3)
	<p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R1 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) 802.1ag MA Association Naming for Y1731 Eth-OAM MEGs. 5620 SAM does not support 802.1ag MA Association name formats of type integer, string, vid, vpn-id for Y1731 Eth-OAM MEGs. [587671]</p> <p>(Feature Enhancement) IGMP Tunnel Interface Administrative State. 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R3)
	<p>not support stateless APS switchover for multilink bundles. [587675]</p> <p>(Feature Enhancement) VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676]</p> <p>(Feature Enhancement) Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677]</p> <p>(Feature Enhancement) Uni-directional APS Support. 5620 SAM does not support Uni-directional APS. [581463]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R3)
	<p>tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels.</p>

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R3)
	<p>5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 166: 7710 SR 8.0 R1 through R2

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R1 through R2)
5620 SAM 8.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Uni-directional APS Support. 5620 SAM does not support Uni-directional APS. [581463]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p>

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R1 through R2)
	<p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p>

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R1 through R2)
	<p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R1 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Uni-directional APS Support. 5620 SAM does not support Uni-directional APS. [581463]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the ‘limited’ option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p>

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R1 through R2)
	<p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2</p>

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R1 through R2)
	<p>Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Alcatel-Lucent 7710 Service Router Release 7.0

Table 167: 7710 SR 7.0 R14

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R14)
5620 SAM 8.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216]</p> <p>(Feature Enhancement) Telnet/SSH TTL Security Check. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217]</p> <p>(Feature Enhancement) System Memory Usage Statistics in Kilobytes. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218]</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593086]</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” reponse status for OAM LSP Ping Tests. [587682]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R14)
	<p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R14)
	<p>MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IPMP Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216]</p> <p>(Feature Enhancement) Telnet/SSH TTL Security Check. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217]</p> <p>(Feature Enhancement) System Memory Usage Statistics in Kilobytes. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218]</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R14)
	<p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593086]</p> <p>(PTS 588751) ESM Local User Database. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751]</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” response status for OAM LSP Ping Tests. [587682]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the ‘limited’ option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R14)
	<p>(Feature Enhancement) PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels.</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R14)
	<p>5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216]</p> <p>(Feature Enhancement) Telnet/SSH TTL Security Check. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217]</p> <p>(Feature Enhancement) System Memory Usage Statistics in Kilobytes. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218]</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593086]</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R14)
	<p>(PTS 588751) ESM Local User Database. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751]</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” response status for OAM LSP Ping Tests. [587682]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the ‘limited’ option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R14)
	<p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R14)
	<p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R7 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IPMP Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216]</p> <p>(Feature Enhancement) Telnet/SSH TTL Security Check. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217]</p> <p>(Feature Enhancement) System Memory Usage Statistics in Kilobytes. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218]</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R14)
	<p>the “default” type for Power Supplies. [593086]</p> <p>(PTS 588751) ESM Local User Database. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751]</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” response status for OAM LSP Ping Tests. [587682]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the ‘limited’ option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p>

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	<p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R14)
	<p>instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R14)
5620 SAM 7.0 R6	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216]</p> <p>(Feature Enhancement) Telnet/SSH TTL Security Check. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217]</p> <p>(Feature Enhancement) System Memory Usage Statistics in Kilobytes. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218]</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593086]</p> <p>(PTS 588751) ESM Local User Database. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751]</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” response status for OAM LSP Ping Tests. [587682]</p> <p>(PTS 587683) Obsolete OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the ‘limited’ option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have an endpoint-discriminator defined. [572549]</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R14)
	<p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R14)
	<p>does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support</p>

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	<p>Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216]</p> <p>(Feature Enhancement) Telnet/SSH TTL Security Check. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217]</p> <p>(Feature Enhancement) System Memory Usage Statistics in Kilobytes. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218]</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593086]</p> <p>(PTS 588751) ESM Local User Database. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751]</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” response status for OAM LSP Ping Tests. [587682]</p> <p>(PTS 587683) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the ‘limited’ option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R14)
	<p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) Long Channel Descriptions. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address.</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R14)
	<p>5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p>

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	<p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216]</p> <p>(Feature Enhancement) Telnet/SSH TTL Security Check. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217]</p> <p>(Feature Enhancement) System Memory Usage Statistics in Kilobytes. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218]</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593086]</p> <p>(PTS 588751) ESM Local User Database. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751]</p>

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	<p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” response status for OAM LSP Ping Tests. [587682]</p> <p>(PTS 587683) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the ‘limited’ option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a ‘Target Type’ of ‘Any LSP’ with a non-0.0.0.0 ‘Destination Path Address’ defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p>

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	<p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) Long Channel Descriptions. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported.</p> <p>(Feature Enhancement) TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p>

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	5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216]</p> <p>(Feature Enhancement) Telnet/SSH TTL Security Check. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217]</p> <p>(Feature Enhancement) System Memory Usage Statistics in Kilobytes. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218]</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593086]</p> <p>(PTS 588751) ESM Local User Database. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751]</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” response status for OAM LSP Ping Tests. [587682]</p> <p>(PTS 587683) Obsolete OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the ‘limited’ option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R14)
	<p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) 1-Port GigE CMA-XP. 5620 SAM does not support the 1-Port GigE CMA-XP.</p> <p>(Feature Enhancement) LSR IP Load Balancing. 5620 SAM does not support LSR IP load balancing.</p> <p>(Feature Enhancement) SLA-Profile Based Egress Remarking. 5620 SAM does not support 'Egress QoS marking from SAP' for Subscriber Management SLA-Profiles.</p> <p>(Feature Enhancement) eiBGP Load Balancing. 5620 SAM does not support eiBGP load balancing for VPRN services.</p> <p>(Feature Enhancement) Configurable CFM Thresholds. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds.</p> <p>(Feature Enhancement) G.8031 Protected Ethernet Tunnels. 5620 SAM does not support G.8031 Protected Ethernet Tunnels.</p> <p>(Feature Enhancement) TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LAG Support for HS-MDA. 5620 SAM does not support LAG's for HS-MDA ports.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R14)
	<p>MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) IPv6 PIM ASM. 5620 SAM does not support IPv6 PIM ASM.</p> <p>(Feature Enhancement) Multicast VPN Evolution with BGP Control Plane. 5620 SAM does not support Multicast VPN Evolution with BGP Control Plane.</p> <p>(Feature Enhancement) LDP over RSVP without Area-Boundary for IS-IS. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) OAM (Dying Gasp trap). 5620 SAM does not support "Dying gasp Trap" for OAM.</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) IGMP Host-Tracking. 5620 SAM does not support IGMP Host Tracking on IES and VPRN services, including subscriber interfaces. It is also not supported on VPLS service.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R14)
	<p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 168: 7710 SR 7.0 R13

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R13)
5620 SAM 8.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593086]</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” reponse status for OAM LSP Ping Tests. [587682]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R13)
	<p>support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R13)
	<p>support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593086]</p> <p>(PTS 588751) ESM Local User Database. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751]</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” response status for OAM LSP Ping Tests. [587682]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the ‘limited’ option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R13)
	<p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R13)
	<p>support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support.</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R13)
	<p>5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593086]</p> <p>(PTS 588751) ESM Local User Database. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751]</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” reponse status for OAM LSP Ping Tests. [587682]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the ‘limited’ option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p>

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5620 SAM Release	Compatibility Statement (7710 SR 7.0 R13)
	<p>notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R13)
	<p>the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R7 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593086]</p> <p>(PTS 588751) ESM Local User Database. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751]</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” response status for OAM LSP Ping Tests. [587682]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the ‘limited’ option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p>

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	<p>the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R6	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593086]</p> <p>(PTS 588751) ESM Local User Database. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751]</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” reponse status for OAM LSP Ping Tests. [587682]</p> <p>(PTS 587683) Obsolete OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the ‘limited’ option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p>

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5620 SAM 7.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593086]</p> <p>(PTS 588751) ESM Local User Database. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751]</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” reponse status for OAM LSP Ping Tests. [587682]</p> <p>(PTS 587683) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the ‘limited’ option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p>

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	<p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) Long Channel Descriptions. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R13)
	<p>support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R13)
	<p>longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593086]</p> <p>(PTS 588751) ESM Local User Database. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751]</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” response status for OAM LSP Ping Tests. [587682]</p> <p>(PTS 587683) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the ‘limited’ option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R13)
	<p>not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) Long Channel Descriptions. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported.</p> <p>(Feature Enhancement) TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R13)
	<p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R13)
	<p>local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593086]</p> <p>(PTS 588751) ESM Local User Database. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751]</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” response status for OAM LSP Ping Tests. [587682]</p> <p>(PTS 587683) Obsolete OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683]</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R13)
	<p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) 1-Port GigE CMA-XP. 5620 SAM does not support the 1-Port GigE CMA-XP.</p> <p>(Feature Enhancement) LSR IP Load Balancing. 5620 SAM does not support LSR IP load balancing.</p> <p>(Feature Enhancement) SLA-Profile Based Egress Remarking. 5620 SAM does not support 'Egress QoS marking from SAP' for Subscriber Management SLA-Profiles.</p> <p>(Feature Enhancement) eiBGP Load Balancing. 5620 SAM does not support eiBGP load balancing for VPRN services.</p> <p>(Feature Enhancement) Configurable CFM Thresholds. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds.</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R13)
	<p>(Feature Enhancement) G.8031 Protected Ethernet Tunnels. 5620 SAM does not support G.8031 Protected Ethernet Tunnels.</p> <p>(Feature Enhancement) TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LAG Support for HS-MDA. 5620 SAM does not support LAG's for HS-MDA ports.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) IPv6 PIM ASM. 5620 SAM does not support IPv6 PIM ASM.</p> <p>(Feature Enhancement) Multicast VPN Evolution with BGP Control Plane. 5620 SAM does not support Multicast VPN Evolution with BGP Control Plane.</p> <p>(Feature Enhancement) LDP over RSVP without Area-Boundary for IS-IS. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) OAM (Dying Gasp trap). 5620 SAM does not support "Dying gasp Trap" for OAM.</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) IGMP Host-Tracking. 5620 SAM does not support IGMP Host Tracking on IES and VPRN services, including subscriber interfaces. It is also not supported on VPLS service.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R13)
	<p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R13)
	<p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 169: 7710 SR 7.0 R12

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R12)
5620 SAM 8.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” response status for OAM LSP Ping Tests. [587682]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG’s for HS-</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R12)
	<p>MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R12)
	<p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(PTS 588751) ESM Local User Database. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751]</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” response status for OAM LSP Ping Tests. [587682]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the ‘limited’ option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have an endpoint-discriminator defined. [572549]</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R12)
	<p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R12)
	<p>notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R12)
	<p>the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(PTS 588751) ESM Local User Database. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751]</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” reponse status for OAM LSP Ping Tests. [587682]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the ‘limited’ option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R12)
	<p>ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R12)
	<p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R7 through R8	<p>Network element supported with the following limitations:</p> <p>(PTS 588751) ESM Local User Database. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751]</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R12)
	<p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” response status for OAM LSP Ping Tests. [587682]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the ‘limited’ option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R12)
	<p>configuration of forwarding class.</p> <p>(Feature Enhancement) PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R12)
	<p>SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R6	<p>Network element supported with the following limitations:</p> <p>(PTS 588751) ESM Local User Database. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751]</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” response status for OAM LSP Ping Tests. [587682]</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R12)
	<p>(PTS 587683) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p>

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	<p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p>

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	<p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R5	<p>Network element supported with the following limitations:</p> <p>(PTS 588751) ESM Local User Database. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751]</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” response status for OAM LSP Ping Tests. [587682]</p>

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	<p>(PTS 587683) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of</p>

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	<p>ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) Long Channel Descriptions. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p>

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5620 SAM 7.0 R4	<p>Network element supported with the following limitations:</p> <p>(PTS 588751) ESM Local User Database. 5620 SAM does not support Local User</p>

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	<p>Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751]</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” response status for OAM LSP Ping Tests. [587682]</p> <p>(PTS 587683) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the ‘limited’ option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a ‘Target Type’ of ‘Any LSP’ with a non-0.0.0.0 ‘Destination Path Address’ defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R12)
	<p>not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) Long Channel Descriptions. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported.</p> <p>(Feature Enhancement) TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R12)
	<p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R12)
	<p>the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(PTS 588751) ESM Local User Database. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751]</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” reponse status for OAM LSP Ping Tests. [587682]</p> <p>(PTS 587683) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the ‘limited’ option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a ‘Target Type’ of ‘Any LSP’ with a non-0.0.0.0 ‘Destination Path Address’ defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R12)
	<p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) 1-Port GigE CMA-XP. 5620 SAM does not support the 1-Port GigE CMA-XP.</p> <p>(Feature Enhancement) LSR IP Load Balancing. 5620 SAM does not support LSR IP load balancing.</p> <p>(Feature Enhancement) SLA-Profile Based Egress Remarking. 5620 SAM does not support 'Egress QoS marking from SAP' for Subscriber Management SLA-Profiles.</p> <p>(Feature Enhancement) eiBGP Load Balancing. 5620 SAM does not support eiBGP load balancing for VPRN services.</p> <p>(Feature Enhancement) Configurable CFM Thresholds. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds.</p> <p>(Feature Enhancement) G.8031 Protected Ethernet Tunnels. 5620 SAM does not support G.8031 Protected Ethernet Tunnels.</p> <p>(Feature Enhancement) TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LAG Support for HS-MDA. 5620 SAM does not support LAG's for HS-MDA ports.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) IPv6 PIM ASM. 5620 SAM does not support IPv6 PIM ASM.</p> <p>(Feature Enhancement) Multicast VPN Evolution with BGP Control Plane. 5620 SAM does not support Multicast VPN Evolution with BGP Control Plane.</p> <p>(Feature Enhancement) LDP over RSVP without Area-Boundary for IS-IS. 5620 SAM</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R12)
	<p>does not support LDP over RSVP without Area-Boundary for IS-IS.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) OAM (Dying Gasp trap). 5620 SAM does not support “Dying gasp Trap” for OAM.</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) IGMP Host-Tracking. 5620 SAM does not support IGMP Host Tracking on IES and VPRN services, including subscriber interfaces. It is also not supported on VPLS service.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R12)
	<p>local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 170: 7710 SR 7.0 R10 through R11

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R10 through R11)
5620 SAM 8.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” response status for OAM LSP Ping Tests. [587682]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG’s for HS-</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R10 through R11)
	<p>MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R10 through R11)
	<p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” response status for OAM LSP Ping Tests. [587682]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the ‘limited’ option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R10 through R11)
	<p>VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R10 through R11)
	<p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R10 through R11)
5620 SAM 8.0 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” reponse status for OAM LSP Ping Tests. [587682]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the ‘limited’ option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R10 through R11)
	<p>synchronization failures.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p>

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	<p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R7 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” reponse status for OAM LSP Ping Tests. [587682]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not</p>

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	<p>support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p>

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	<p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support</p>

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	<p>local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R6	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” reponse status for OAM LSP Ping Tests. [587682]</p> <p>(PTS 587683) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does</p>

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	<p>not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R10 through R11)
	<p>tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsxPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels.</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R10 through R11)
	<p>5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” reponse status for OAM LSP Ping Tests. [587682]</p> <p>(PTS 587683) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683]</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R10 through R11)
	<p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p>

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	<p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) Long Channel Descriptions. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.</p>

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	<p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” response status for OAM LSP Ping Tests. [587682]</p> <p>(PTS 587683) Obsolete OAM Test History Tables Parameter. 5620 SAM cannot</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R10 through R11)
	<p>create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R10 through R11)
	<p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) Long Channel Descriptions. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported.</p> <p>(Feature Enhancement) TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R10 through R11)
	<p>Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1	Network element supported with the following limitations:

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R10 through R11)
through R3	<p>(Feature Enhancement) OAM LSP Ping ‘Packet Size Too Big’ Response Status. 5620 SAM does not support the “Packet Size Too Big” response status for OAM LSP Ping Tests. [587682]</p> <p>(PTS 587683) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683]</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the ‘limited’ option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a ‘Target Type’ of ‘Any LSP’ with a non-0.0.0.0 ‘Destination Path Address’ defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) 1-Port GigE CMA-XP. 5620 SAM does not support the 1-Port GigE CMA-XP.</p> <p>(Feature Enhancement) LSR IP Load Balancing. 5620 SAM does not support LSR IP</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R10 through R11)
	<p>load balancing.</p> <p>(Feature Enhancement) SLA-Profile Based Egress Marking. 5620 SAM does not support 'Egress QoS marking from SAP' for Subscriber Management SLA-Profiles.</p> <p>(Feature Enhancement) eiBGP Load Balancing. 5620 SAM does not support eiBGP load balancing for VPRN services.</p> <p>(Feature Enhancement) Configurable CFM Thresholds. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds.</p> <p>(Feature Enhancement) G.8031 Protected Ethernet Tunnels. 5620 SAM does not support G.8031 Protected Ethernet Tunnels.</p> <p>(Feature Enhancement) TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LAG Support for HS-MDA. 5620 SAM does not support LAG's for HS-MDA ports.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) IPv6 PIM ASM. 5620 SAM does not support IPv6 PIM ASM.</p> <p>(Feature Enhancement) Multicast VPN Evolution with BGP Control Plane. 5620 SAM does not support Multicast VPN Evolution with BGP Control Plane.</p> <p>(Feature Enhancement) LDP over RSVP without Area-Boundary for IS-IS. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) OAM (Dying Gasp trap). 5620 SAM does not support "Dying gasp Trap" for OAM.</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R10 through R11)
	<p>Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) IGMP Host-Tracking. 5620 SAM does not support IGMP Host Tracking on IES and VPRN services, including subscriber interfaces. It is also not supported on VPLS service.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R10 through R11)
	<p>not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 171: 7710 SR 7.0 R8 through R9

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R8 through R9)
5620 SAM 8.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R8 through R9)
	<p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R8 through R9)
	<p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the ‘limited’ option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R8 through R9)
	<p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R8 through R9)
	<p>instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R8 through R9)
	<p>support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R8 through R9)
	<p>Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does</p>

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	<p>not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R6 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the ‘limited’ option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R8 through R9)
	<p>LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R8 through R9)
	<p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R8 through R9)
	<p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the ‘limited’ option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a ‘Target Type’ of ‘Any LSP’ with a non-0.0.0.0 ‘Destination Path Address’ defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not</p>

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	<p>support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) Long Channel Descriptions. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R8 through R9)
	<p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R8 through R9)
	<p>the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the ‘limited’ option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a ‘Target Type’ of ‘Any LSP’ with a non-0.0.0.0 ‘Destination Path Address’ defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R8 through R9)
	<p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) Long Channel Descriptions. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported.</p> <p>(Feature Enhancement) TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R8 through R9)
	<p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms.</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R8 through R9)
	5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]</p> <p>(Feature Enhancement) New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) 1-Port GigE CMA-XP. 5620 SAM does not support the 1-Port GigE CMA-XP.</p> <p>(Feature Enhancement) LSR IP Load Balancing. 5620 SAM does not support LSR IP load balancing.</p> <p>(Feature Enhancement) SLA-Profile Based Egress Remarking. 5620 SAM does not support 'Egress QoS marking from SAP' for Subscriber Management SLA-Profiles.</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R8 through R9)
	<p>(Feature Enhancement) eiBGP Load Balancing. 5620 SAM does not support eiBGP load balancing for VPRN services.</p> <p>(Feature Enhancement) Configurable CFM Thresholds. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds.</p> <p>(Feature Enhancement) G.8031 Protected Ethernet Tunnels. 5620 SAM does not support G.8031 Protected Ethernet Tunnels.</p> <p>(Feature Enhancement) TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LAG Support for HS-MDA. 5620 SAM does not support LAG's for HS-MDA ports.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) IPv6 PIM ASM. 5620 SAM does not support IPv6 PIM ASM.</p> <p>(Feature Enhancement) Multicast VPN Evolution with BGP Control Plane. 5620 SAM does not support Multicast VPN Evolution with BGP Control Plane.</p> <p>(Feature Enhancement) LDP over RSVP without Area-Boundary for IS-IS. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) OAM (Dying Gasp trap). 5620 SAM does not support "Dying gasp Trap" for OAM.</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) IGMP Host-Tracking. 5620 SAM does not support IGMP Host</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R8 through R9)
	<p>Tracking on IES and VPRN services, including subscriber interfaces. It is also not supported on VPLS service.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R8 through R9)
	<p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 172: 7710 SR 7.0 R7

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R7)
5620 SAM 8.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R7)
	<p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R7)
	<p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the ‘limited’ option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R7)
	<p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R7)
	<p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the ‘limited’ option for the remove-private parameter on the Base and VPRN BGP</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R7)
	<p>routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R7)
	<p>support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R7)
	<p>longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R6 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the ‘limited’ option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R7)
	<p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R7)
	<p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R7)
5620 SAM 7.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R7)
	<p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) Long Channel Descriptions. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R7)
	<p>SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the ‘limited’ option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R7)
	<p>increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) Long Channel Descriptions. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported.</p> <p>(Feature Enhancement) TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R7)
	<p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R7)
	<p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) BGP Remove Private Limited. 5620 SAM does not support the ‘limited’ option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531]</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R7)
	<p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) 1-Port GigE CMA-XP. 5620 SAM does not support the 1-Port GigE CMA-XP.</p> <p>(Feature Enhancement) LSR IP Load Balancing. 5620 SAM does not support LSR IP load balancing.</p> <p>(Feature Enhancement) SLA-Profile Based Egress Remarking. 5620 SAM does not support 'Egress QoS marking from SAP' for Subscriber Management SLA-Profiles.</p> <p>(Feature Enhancement) eiBGP Load Balancing. 5620 SAM does not support eiBGP load balancing for VPRN services.</p> <p>(Feature Enhancement) Configurable CFM Thresholds. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds.</p> <p>(Feature Enhancement) G.8031 Protected Ethernet Tunnels. 5620 SAM does not support G.8031 Protected Ethernet Tunnels.</p> <p>(Feature Enhancement) TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LAG Support for HS-MDA. 5620 SAM does not support LAG's for HS-MDA ports.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R7)
	<p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) IPv6 PIM ASM. 5620 SAM does not support IPv6 PIM ASM.</p> <p>(Feature Enhancement) Multicast VPN Evolution with BGP Control Plane. 5620 SAM does not support Multicast VPN Evolution with BGP Control Plane.</p> <p>(Feature Enhancement) LDP over RSVP without Area-Boundary for IS-IS. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) OAM (Dying Gasp trap). 5620 SAM does not support “Dying gasp Trap” for OAM.</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) IGMP Host-Tracking. 5620 SAM does not support IGMP Host Tracking on IES and VPRN services, including subscriber interfaces. It is also not supported on VPLS service.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R7)
	<p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 173: 7710 SR 7.0 R6

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R6)
5620 SAM 8.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R6)
	<p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R6)
	<p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R6)
	<p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R6)
	<p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R6)
	<p>ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.</p>

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	<p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R6 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R6)
	<p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R6)
	<p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R6)
	<p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a ‘Target Type’ of ‘Any LSP’ with a non-0.0.0.0 ‘Destination Path Address’ defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of</p>

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	<p>ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) Long Channel Descriptions. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p>

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	<p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the</p>

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	<p>increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) Long Channel Descriptions. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported.</p> <p>(Feature Enhancement) TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p>

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	<p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R6)
	<p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]</p> <p>(Feature Enhancement) SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R6)
	<p>VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]</p> <p>(Feature Enhancement) MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]</p> <p>(Feature Enhancement) Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547]</p> <p>(Feature Enhancement) 1-Port GigE CMA-XP. 5620 SAM does not support the 1-Port GigE CMA-XP.</p> <p>(Feature Enhancement) LSR IP Load Balancing. 5620 SAM does not support LSR IP load balancing.</p> <p>(Feature Enhancement) SLA-Profile Based Egress Remarking. 5620 SAM does not support 'Egress QoS marking from SAP' for Subscriber Management SLA-Profiles.</p> <p>(Feature Enhancement) eiBGP Load Balancing. 5620 SAM does not support eiBGP load balancing for VPRN services.</p> <p>(Feature Enhancement) Configurable CFM Thresholds. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds.</p> <p>(Feature Enhancement) G.8031 Protected Ethernet Tunnels. 5620 SAM does not support G.8031 Protected Ethernet Tunnels.</p> <p>(Feature Enhancement) TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LAG Support for HS-MDA. 5620 SAM does not support LAG's for HS-MDA ports.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) IPv6 PIM ASM. 5620 SAM does not support IPv6 PIM ASM.</p> <p>(Feature Enhancement) Multicast VPN Evolution with BGP Control Plane. 5620 SAM does not support Multicast VPN Evolution with BGP Control Plane.</p> <p>(Feature Enhancement) LDP over RSVP without Area-Boundary for IS-IS. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R6)
	<p>support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) OAM (Dying Gasp trap). 5620 SAM does not support “Dying gasp Trap” for OAM.</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) IGMP Host-Tracking. 5620 SAM does not support IGMP Host Tracking on IES and VPRN services, including subscriber interfaces. It is also not supported on VPLS service.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R6)
	<p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 174: 7710 SR 7.0 R5

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R5)
5620 SAM 8.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R5)
	<p>Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R3	Network element supported with the following limitations:

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R5)
through R4	<p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R5)
	<p>instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R5)
	<p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R5)
	<p>instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R6 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R5)
	<p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R5)
	<p>Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R5)
5620 SAM 7.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) Long Channel Descriptions. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R5)
	<p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R5)
	<p>the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.</p> <p>(Feature Enhancement) Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) PBB MAC Name Support. 5620 SAM does not support PBB MAC Name.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) Long Channel Descriptions. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported.</p> <p>(Feature Enhancement) TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG’s for HS-MDA’s LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R5)
	<p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R5)
	<p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) 1-Port GigE CMA-XP. 5620 SAM does not support the 1-Port GigE CMA-XP.</p> <p>(Feature Enhancement) LSR IP Load Balancing. 5620 SAM does not support LSR IP load balancing.</p> <p>(Feature Enhancement) SLA-Profile Based Egress Remarking. 5620 SAM does not support ‘Egress QoS marking from SAP’ for Subscriber Management SLA-Profiles.</p> <p>(Feature Enhancement) eiBGP Load Balancing. 5620 SAM does not support eiBGP load balancing for VPRN services.</p> <p>(Feature Enhancement) Configurable CFM Thresholds. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds.</p> <p>(Feature Enhancement) G.8031 Protected Ethernet Tunnels. 5620 SAM does not support G.8031 Protected Ethernet Tunnels.</p> <p>(Feature Enhancement) TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LAG Support for HS-MDA. 5620 SAM does not support LAG’s for HS-MDA ports.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG’s for HS-MDA’s LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R5)
	<p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) IPv6 PIM ASM. 5620 SAM does not support IPv6 PIM ASM.</p> <p>(Feature Enhancement) Multicast VPN Evolution with BGP Control Plane. 5620 SAM does not support Multicast VPN Evolution with BGP Control Plane.</p> <p>(Feature Enhancement) LDP over RSVP without Area-Boundary for IS-IS. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) OAM (Dying Gasp trap). 5620 SAM does not support “Dying gasp Trap” for OAM.</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) IGMP Host-Tracking. 5620 SAM does not support IGMP Host Tracking on IES and VPRN services, including subscriber interfaces. It is also not supported on VPLS service.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R5)
	<p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 175: 7710 SR 7.0 R4

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R4)
5620 SAM 8.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R4)
	<p>MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R5 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG’s for HS-</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R4)
	<p>MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R4)
	<p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG’s for HS-MDA’s LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R4)
	<p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R4)
	<p>redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) 1-Port GigE CMA-XP. 5620 SAM does not support the 1-Port GigE CMA-XP.</p> <p>(Feature Enhancement) LSR IP Load Balancing. 5620 SAM does not support LSR IP load balancing.</p> <p>(Feature Enhancement) SLA-Profile Based Egress Remarking. 5620 SAM does not support ‘Egress QoS marking from SAP’ for Subscriber Management SLA-Profiles.</p> <p>(Feature Enhancement) eiBGP Load Balancing. 5620 SAM does not support eiBGP load balancing for VPRN services.</p> <p>(Feature Enhancement) Configurable CFM Thresholds. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds.</p> <p>(Feature Enhancement) G.8031 Protected Ethernet Tunnels. 5620 SAM does not support G.8031 Protected Ethernet Tunnels.</p> <p>(Feature Enhancement) TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains.</p> <p>(Feature Enhancement) Ethernet Port Down-When-Looped Broadcast Address. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LAG Support for HS-MDA. 5620 SAM does not support LAG’s for HS-MDA ports.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG’s for HS-MDA’s LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) IPv6 PIM ASM. 5620 SAM does not support IPv6 PIM ASM.</p> <p>(Feature Enhancement) Multicast VPN Evolution with BGP Control Plane. 5620 SAM does not support Multicast VPN Evolution with BGP Control Plane.</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R4)
	<p>(Feature Enhancement) LDP over RSVP without Area-Boundary for IS-IS. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) OAM (Dying Gasp trap). 5620 SAM does not support “Dying gasp Trap” for OAM.</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) IGMP Host-Tracking. 5620 SAM does not support IGMP Host Tracking on IES and VPRN services, including subscriber interfaces. It is also not supported on VPLS service.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R4)
	<p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 176: 7710 SR 7.0 R3

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R3)
5620 SAM 8.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R3)
	<p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG’s for HS-MDA’s LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R3)
	<p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R3)
	<p>redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.</p> <p>(Feature Enhancement) Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups.</p> <p>(Feature Enhancement) LAG Support for HS-MDA. 5620 SAM does not support LAG’s for HS-MDA ports.</p> <p>(Feature Enhancement) LDP FEC Statistics. 5620 SAM does not support LAG’s for HS-MDA’s LDP FEC Statistics.</p> <p>(Feature Enhancement) Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.</p> <p>(Feature Enhancement) LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.</p> <p>(Feature Enhancement) IPv6 PIM ASM. 5620 SAM does not support IPv6 PIM ASM.</p> <p>(Feature Enhancement) Multicast VPN Evolution with BGP Control Plane. 5620 SAM does not support Multicast VPN Evolution with BGP Control Plane.</p> <p>(Feature Enhancement) LDP over RSVP without Area-Boundary for IS-IS. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS.</p> <p>(Feature Enhancement) Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting.</p> <p>(Feature Enhancement) Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria).</p> <p>(Feature Enhancement) MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).</p> <p>(Feature Enhancement) OAM (Dying Gasp trap). 5620 SAM does not support “Dying gasp Trap” for OAM.</p> <p>(Feature Enhancement) MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support ‘vRtrPimNgInvalidMdtDefJoin’ trap notifications on MVPN BGP.</p> <p>(Feature Enhancement) IGMP Host-Tracking. 5620 SAM does not support IGMP Host Tracking on IES and VPRN services, including subscriber interfaces. It is also not supported on VPLS service.</p> <p>(Feature Enhancement) ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R3)
	<p>not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R3)
	<p>Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 177: 7710 SR 7.0 R1 through R2

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R1 through R2)
5620 SAM 8.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R1 through R2)
	<p>redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R1 through R2)
	<p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p>

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R1 through R2)
	<p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

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Table 178: 7710 SR 6.1 R17 through R18

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R17 through R18)
5620 SAM 8.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups.</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R17 through R18)
	<p>robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R17 through R18)
	5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups.</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R17 through R18)
	<p>support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R17 through R18)
	<p>(Feature Enhancement) tmnCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R7 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups.</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) tmnxCpmCardSyncFailureReason. 5620 SAM does not support tmnxCpmCardSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R17 through R18)
	<p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R17 through R18)
	<p>longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R6	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]</p> <p>(PTS 584368) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups.</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R17 through R18)
	<p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R17 through R18)
	<p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R4 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]</p> <p>(PTS 584368) Obsolete OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths,</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R17 through R18)
	<p>TDM DS3, E3 and DS0 Channel Groups.</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R17 through R18)
	<p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1	Network element supported with the following limitations:

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R17 through R18)
through R3	<p>(Feature Enhancement) Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]</p> <p>(PTS 584368) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups.</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a ‘Target Type’ of ‘Any LSP’ with a non-0.0.0.0 ‘Destination Path Address’ defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R17 through R18)
	<p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R17 through R18)
	<p>longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R6 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]</p> <p>(PTS 584368) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups.</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R17 through R18)
	<p>does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R17 through R18)
	<p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R17 through R18)
	5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R4 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]</p> <p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]</p> <p>(PTS 584368) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups.</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a ‘Target Type’ of ‘Any LSP’ with a non-0.0.0.0 ‘Destination Path Address’ defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R17 through R18)
	<p>instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (<code>ppp-authentication {pap chap pref-chap}</code>) for Subscriber Management PPPoE Policies.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘<code>tmnxDSXClockSyncStateChange</code>’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R17 through R18)
	<p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R17 through R18)
	<p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]</p> <p>(PTS 584368) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups.</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a ‘Target Type’ of ‘Any LSP’ with a non-0.0.0.0 ‘Destination Path Address’ defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R17 through R18)
	<p>robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tmlPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap chap pref-chap}) for Subscriber Management PPPoE Policies.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R17 through R18)
	<p>Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Default Accounting Policy Log Interval. 5620 SAM does not support default interval for accounting policies. [593089]</p> <p>(Feature Enhancement) Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087]</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R17 through R18)
	<p>(Feature Enhancement) Power Supply Type “Default”. 5620 SAM does not support the “default” type for Power Supplies. [593088]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]</p> <p>(PTS 584368) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups.</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a ‘Target Type’ of ‘Any LSP’ with a non-0.0.0.0 ‘Destination Path Address’ defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R17 through R18)
	<p>robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap chap pref-chap}) for Subscriber Management PPPoE Policies.</p> <p>(Feature Enhancement) MAF MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) MAC criteria.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R17 through R18)
	<p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 179: 7710 SR 6.1 R15 through R16

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R15 through R16)
5620 SAM 8.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups.</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R15 through R16)
	<p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R1 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R15 through R16)
	<p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups.</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R15 through R16)
	<p>Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R7	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R15 through R16)
through R8	<p>not support the selection state for system timing references. [584367]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups.</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R15 through R16)
	<p>does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R15 through R16)
5620 SAM 7.0 R6	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]</p> <p>(PTS 584368) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups.</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R15 through R16)
	<p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R15 through R16)
	<p>the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R4 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]</p> <p>(PTS 584368) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups.</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a ‘Target Type’ of ‘Any LSP’ with a non-0.0.0.0 ‘Destination Path Address’ defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R15 through R16)
	<p>configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R15 through R16)
	<p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]</p> <p>(PTS 584368) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups.</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R15 through R16)
	<p>configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R15 through R16)
	<p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R6 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]</p> <p>(PTS 584368) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups.</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R15 through R16)
	<p>SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R15 through R16)
	<p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘<code>tmnxDSXClockSyncStateChange</code>’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p>

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	<p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R4 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]</p> <p>(PTS 584368) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups.</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a ‘Target Type’ of ‘Any LSP’ with a non-0.0.0.0 ‘Destination Path Address’ defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not</p>

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	<p>support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (<code>ppp-authentication {pap chap pref-chap}</code>) for Subscriber Management PPPoE Policies.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘<code>tmnxDSXClockSyncStateChange</code>’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p>

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	<p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]</p> <p>(PTS 584368) Obsolete OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups.</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R15 through R16)
	<p>delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R15 through R16)
	<p>Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap chap pref-chap}) for Subscriber Management PPPoE Policies.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R15 through R16)
	<p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367]</p> <p>(PTS 584368) Obsolete OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368]</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups.</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R15 through R16)
	<p>VPNR services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R15 through R16)
	<p>support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap chap pref-chap}) for Subscriber Management PPPoE Policies.</p> <p>(Feature Enhancement) MAF MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) MAC criteria.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R15 through R16)
	<p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 180: 7710 SR 6.1 R14

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R14)
5620 SAM 8.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups.</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R14)
	<p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R1 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths,</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R14)
	<p>TDM DS3, E3 and DS0 Channel Groups.</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R14)
	<p>provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R6 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R14)
	<p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R14)
	<p>services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R4 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups.</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R14)
	<p>delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R14)
	<p>services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups.</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R14)
	<p>delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R14)
	<p>services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R14)
5620 SAM 6.1 R6 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups.</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R14)
	<p>daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘<code>tmnxDSXClockSyncStateChange</code>’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R14)
	<p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R4 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups.</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a ‘Target Type’ of ‘Any LSP’ with a non-0.0.0.0 ‘Destination Path Address’</p>

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	<p>defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap chap pref-chap}) for Subscriber Management PPPoE Policies.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R14)
	<p>MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R14)
	startup.
5620 SAM 6.1 R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups.</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R14)
	<p>OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurances and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap chap pref-chap}) for Subscriber Management PPPoE Policies.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R14)
	<p>local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups.</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R14)
	<p>SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R14)
	<p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap chap pref-chap}) for Subscriber Management PPPoE Policies.</p> <p>(Feature Enhancement) MAF MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) MAC criteria.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R14)
	<p>longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 181: 7710 SR 6.1 R13

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R13)
5620 SAM 8.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R13)
	<p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R1 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R13)
	<p>PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R13)
	<p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R6 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R13)
	<p>increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R13)
	<p>PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R4 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R13)
	<p>SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R13)
	<p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R13)
	<p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a</p>

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	<p>PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R6 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R13)
	<p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R13)
	<p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(PTS 549206) Multi-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘<code>tmnxDSXClockSyncStateChange</code>’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R13)
	<p>redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R4 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a ‘Target Type’ of ‘Any LSP’ with a non-0.0.0.0 ‘Destination Path Address’ defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R13)
	<p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (<code>ppp-authentication {pap chap pref-chap}</code>) for Subscriber Management PPPoE Policies.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘<code>tmnxDSXClockSyncStateChange</code>’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R13)
	<p>replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R13)
	<p>5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R13)
	<p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (<code>ppp-authentication {pap chap pref-chap}</code>) for Subscriber Management PPPoE Policies.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘<code>tmnxDSXClockSyncStateChange</code>’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R13)
	<p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.</p> <p>(Feature Enhancement) Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap.</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a ‘Target Type’ of ‘Any LSP’ with a non-0.0.0.0 ‘Destination Path Address’ defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R13)
	<p>support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap chap pref-chap}) for Subscriber Management PPPoE Policies.</p> <p>(Feature Enhancement) MAF MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) MAC criteria.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R13)
	<p>does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 182: 7710 SR 6.1 R12

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R12)
5620 SAM 8.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R12)
	<p>SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R1 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R12)
	<p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R12)
	<p>MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R6 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R12)
	<p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R12)
	<p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R4 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R12)
	<p>ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R12)
	<p>support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a ‘Target Type’ of ‘Any LSP’ with a non-0.0.0.0 ‘Destination Path Address’ defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R12)
	<p>support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R12)
	<p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R6 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R12)
	<p>the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p>

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	<p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R4 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not</p>

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	<p>have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) PPPoE Policy PPP Authentication Protocol. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R12)
	<p>not support PPP Authentication Protocol (ppp-authentication {pap chap pref-chap}) for Subscriber Management PPPoE Policies.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R12)
	<p>the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a ‘Target Type’ of ‘Any LSP’ with a non-0.0.0.0 ‘Destination Path Address’ defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R12)
	<p>daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap chap pref-chap}) for Subscriber Management PPPoE Policies.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R12)
	<p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]</p> <p>(Feature Enhancement) PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R12)
	<p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R12)
	<p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap chap pref-chap}) for Subscriber Management PPPoE Policies.</p> <p>(Feature Enhancement) MAF MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) MAC criteria.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R12)
	<p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 183: 7710 SR 6.1 R11

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R11)
5620 SAM 8.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R11)
	<p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R1 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R11)
	<p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R11)
	<p>not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM SAA icmp-ping test. 5620 SAM does not support the configuration of forwarding class.</p> <p>(Feature Enhancement) ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension).</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support <code>tmnxSyncFailureReason</code> indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R11)
	<p>support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R11)
	<p>instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R11)
	<p>support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R6 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R11)
	<p>not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘<code>tmnxDSXClockSyncStateChange</code>’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R11)
	<p>not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R4 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R11)
	<p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (<code>ppp-authentication {pap chap pref-chap}</code>) for Subscriber Management PPPoE Policies.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘<code>tmnxDSXClockSyncStateChange</code>’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R11)
	<p>IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R11)
	<p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap chap pref-chap}) for Subscriber Management PPPoE Policies.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R11)
	<p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R11)
	<p>support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurances and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap chap pref-chap}) for Subscriber Management PPPoE Policies.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R11)
	<p>(Feature Enhancement) MAF MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) MAC criteria.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R11)
	<p>the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 184: 7710 SR 6.1 R10

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R10)
5620 SAM 8.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R10)
	<p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R10)
	<p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R10)
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R10)
	<p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R6 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R10)
	<p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘<code>tmnxDSXClockSyncStateChange</code>’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R10)
	<p>local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R4 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R10)
	<p>support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (<code>ppp-authentication {pap chap pref-chap}</code>) for Subscriber Management PPPoE Policies.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘<code>tmnxDSXClockSyncStateChange</code>’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p>

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	<p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R10)
	<p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap chap pref-chap}) for Subscriber Management PPPoE Policies.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R10)
	<p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R10)
5620 SAM 6.1 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R10)
	<p>Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (<code>ppp-authentication {pap chap pref-chap}</code>) for Subscriber Management PPPoE Policies.</p> <p>(Feature Enhancement) MAF MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) MAC criteria.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘<code>tmnxDSXClockSyncStateChange</code>’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R10)
	<p>Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 185: 7710 SR 6.1 R9

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R9)
5620 SAM 8.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R9)
	<p>not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R9)
	<p>PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R9)
	<p>support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R9)
	<p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R6 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R9)
	<p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘<code>tmnxDSXClockSyncStateChange</code>’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R9)
	<p>redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R4 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R9)
	<p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (<code>ppp-authentication {pap chap pref-chap}</code>) for Subscriber Management PPPoE Policies.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘<code>tmnxDSXClockSyncStateChange</code>’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R9)
	<p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R9)
	<p>support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap chap pref-chap}) for Subscriber Management PPPoE Policies.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R9)
	<p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R9)
	<p>Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap chap pref-chap}) for Subscriber Management PPPoE Policies.</p> <p>(Feature Enhancement) MAF MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) MAC criteria.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R9)
	<p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 186: 7710 SR 6.1 R7 through R8

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R7 through R8)
5620 SAM 8.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R7 through R8)
	<p>5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R7 through R8)
	<p>replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R7 through R8)
	<p>Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R7 through R8)
5620 SAM 6.1 R6 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(PTS 549206) Multi-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘<code>tmnxDSXClockSyncStateChange</code>’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R7 through R8)
	<p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R4 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R7 through R8)
	<p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(PTS 549206) Multi-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (<code>ppp-authentication {pap chap pref-chap}</code>) for Subscriber Management PPPoE Policies.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘<code>tmnxDSXClockSyncStateChange</code>’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R7 through R8)
	<p>longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R7 through R8)
	<p>Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap chap pref-chap}) for Subscriber Management PPPoE Policies.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R7 through R8)
	<p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R7 through R8)
	<p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurrences. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap chap pref-chap}) for Subscriber Management PPPoE Policies.</p> <p>(Feature Enhancement) MAF MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) MAC criteria.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R7 through R8)
	<p>longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 187: 7710 SR 6.1 R6

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R6)
5620 SAM 8.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R6)
	<p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R6)
	<p>the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R6)
	<p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R6 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R6)
	<p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R4 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R6)
	<p>provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (<code>ppp-authentication {pap chap pref-chap}</code>) for Subscriber Management PPPoE Policies.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R6)
	<p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R3	<p>Network element supported with the following limitations:</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap chap pref-chap}) for Subscriber Management PPPoE Policies.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R6)
	<p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R6)
	5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(Feature Enhancement) E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.</p> <p>(Feature Enhancement) IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap chap pref-chap}) for Subscriber Management PPPoE Policies.</p> <p>(Feature Enhancement) MAF MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) MAC criteria.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R6)
	<p>state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 188: 7710 SR 6.1 R5

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R5)
5620 SAM 8.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R5)
5620 SAM 7.0 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R5)
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R5)
5620 SAM 6.1 R6 through R8	<p>Network element supported with the following limitations:</p> <p>(PTS 549206) Multi-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘<code>tmnxDSXClockSyncStateChange</code>’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R5)
	<p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R4 through R5	<p>Network element supported with the following limitations:</p> <p>(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (<code>ppp-authentication {pap chap pref-chap}</code>) for Subscriber Management PPPoE Policies.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘<code>tmnxDSXClockSyncStateChange</code>’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R5)
	<p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R3	<p>Network element supported with the following limitations:</p> <p>(PTS 549206) Multi-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap chap pref-chap}) for Subscriber Management PPPoE Policies.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R5)
	<p>does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup..</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R5)
5620 SAM 6.1 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(PTS 549206) Multi-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurrences. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) PPPoE Policy PPP Authentication Protocol. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap chap pref-chap}) for Subscriber Management PPPoE Policies.</p> <p>(Feature Enhancement) MAF MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) MAC criteria.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R5)
	<p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 189: 7710 SR 6.1 R4

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R4)
5620 SAM 8.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R4)
	<p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R4)
	<p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R3 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R4)
	<p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) MAF MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) MAC criteria.</p> <p>(Feature Enhancement) MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.</p> <p>(Feature Enhancement) Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R4)
	<p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 190: 7710 SR 6.1 R3

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R3)
5620 SAM 8.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R3)
	<p>support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R3)
	<p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

Table 191: 7710 SR 6.1 R1 through R2

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R1 through R2)
5620 SAM 8.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R1 through R2)
	<p>Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

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5620 SAM Release	Compatibility Statement (7710 SR 6.0 R18)
5620 SAM 8.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R18)
	<p>Timer.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R1 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 570001) MLD Multicast Group and SSM Translation. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R18)
	<p>instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R18)
	<p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R7 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 570001) MLD Multicast Group and SSM Translation. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R18)
	<p>PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R6	<p>Network element supported with the following limitations:</p> <p>(PTS 592021) Obsolete OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [592021]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have an endpoint-discriminator defined. [572549]</p> <p>(PTS 570001) MLD Multicast Group and SSM Translation. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R18)
	<p>tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R18)
	<p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R4 through R5	<p>Network element supported with the following limitations:</p> <p>(PTS 592021) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [592021]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]</p> <p>(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a ‘Target Type’ of ‘Any LSP’ with a non-0.0.0.0 ‘Destination Path Address’ defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 570001) MLD Multicast Group and SSM Translation. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R18)
	<p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R18)
	5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(PTS 592021) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [592021]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 570001) MLD Multicast Group and SSM Translation. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R18)
	<p>limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(PTS 592021) Obsolete OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (<code>tmnxOamPingCtlMaxRows</code>, <code>tmnxOamTrCtlMaxRows</code>), a deployment</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R18)
	<p>failure will occur. [592021]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 570001) MLD Multicast Group and SSM Translation. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R18)
	<p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(PTS 592021) Obsolete OAM Test History Tables Parameter. 5620 SAM cannot</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R18)
	<p>create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [592021]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 570001) MLD Multicast Group and SSM Translation. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R18)
	<p>OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R18)
	<p>not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.0 R3 through R8	<p>Network element supported with the following limitations:</p> <p>(PTS 592021) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [592021]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]</p> <p>(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a ‘Target Type’ of ‘Any LSP’ with a non-0.0.0.0 ‘Destination Path Address’ defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have an endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R18)
	<p>services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R18)
	<p>Timer.</p> <p>(Feature Enhancement) DHCP Server Operational State. 5620 SAM does not support DHCP Server operational state.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R18)
	<p>startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>
5620 SAM 6.0 R2	<p>Network element supported with the following limitations:</p> <p>(PTS 592021) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [592021]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]</p> <p>(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a ‘Target Type’ of ‘Any LSP’ with a non-0.0.0.0 ‘Destination Path Address’ defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R18)
	<p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R18)
	<p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES/VP RN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VP RN redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VP RN subscriber interfaces.</p>
5620 SAM 6.0 R1	<p>Network element supported with the following limitations:</p> <p>(PTS 592021) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsolescence of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [592021]</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R18)
	<p>not support the selection state for system timing references. [584361]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R18)
	<p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R18)
	<p>(Feature Enhancement) IP-MTU Support for IES/VP RN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VP RN redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VP RN ping (values 1-39) and VP RN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VP RN subscriber interfaces.</p>

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5620 SAM Release	Compatibility Statement (7710 SR 6.0 R17)
5620 SAM 8.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R17)
	<p>support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R1 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 570001) MLD Multicast Group and SSM Translation. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R17)
	<p>does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R17)
	startup.
5620 SAM 7.0 R6 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 570001) MLD Multicast Group and SSM Translation. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R17)
	<p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R4 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 570001) MLD Multicast Group and SSM Translation. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R17)
	<p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R17)
	<p>Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]</p> <p>(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a ‘Target Type’ of ‘Any LSP’ with a non-0.0.0.0 ‘Destination Path Address’ defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 570001) MLD Multicast Group and SSM Translation. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R17)
	<p>Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R4	Network element supported with the following limitations:

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R17)
through R8	<p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]</p> <p>(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a ‘Target Type’ of ‘Any LSP’ with a non-0.0.0.0 ‘Destination Path Address’ defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 570001) MLD Multicast Group and SSM Translation. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tIsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R17)
	<p>support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R17)
	<p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 570001) MLD Multicast Group and SSM Translation. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R17)
	<p>support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurrences. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R17)
	<p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.0 R3 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]</p> <p>(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a ‘Target Type’ of ‘Any LSP’ with a non-0.0.0.0 ‘Destination Path Address’ defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R17)
	<p>robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) DHCP Server Operational State. 5620 SAM does not support DHCP Server operational state.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R17)
	<p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>
5620 SAM 6.0 R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R17)
	<p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R17)
	<p>Parity Error Occurances. 5620 SAM does not support the number of occurances and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES/VPNN Redundant Interfaces. 5620</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R17)
	<p>SAM does not support IP-MTU for IES/VP RN redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>
5620 SAM 6.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361]</p> <p>(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a ‘Target Type’ of ‘Any LSP’ with a non-0.0.0.0 ‘Destination Path Address’ defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R17)
	<p>does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R17)
	<p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag ‘Out of Resource’. 5620 SAM does not support the operational flag ‘Out of Resource’ for Service Tunnel Bindings.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES/VP RN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VP RN redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VP RN ping (values 1-39) and VP RN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R17)
	(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.

Table 194: 7710 SR 6.0 R16

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R16)
5620 SAM 8.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R16)
	<p>support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R1 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 570001) MLD Multicast Group and SSM Translation. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R16)
	<p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R16)
5620 SAM 7.0 R6 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 570001) MLD Multicast Group and SSM Translation. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R16)
	<p>Timer.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R4 through R5	<p>Network element supported with the following limitations:</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 570001) MLD Multicast Group and SSM Translation. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to</p>

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	<p>the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R16)
	<p>the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a ‘Target Type’ of ‘Any LSP’ with a non-0.0.0.0 ‘Destination Path Address’ defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 570001) MLD Multicast Group and SSM Translation. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R16)
	<p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a ‘Target Type’ of ‘Any LSP’ with a non-0.0.0.0 ‘Destination Path Address’ defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 570001) MLD Multicast Group and SSM Translation. 5620 SAM does not support</p>

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	<p>creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R16)
	<p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(PTS 570001) MLD Multicast Group and SSM Translation. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R16)
	<p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R16)
	<p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.0 R3	<p>Network element supported with the following limitations:</p> <p>(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R16)
through R8	<p>5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurances and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R16)
	<p>errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) DHCP Server Operational State. 5620 SAM does not support DHCP Server operational state.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R16)
	<p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>
5620 SAM 6.0 R2	<p>Network element supported with the following limitations:</p> <p>(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a ‘Target Type’ of ‘Any LSP’ with a non-0.0.0.0 ‘Destination Path Address’ defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R16)
	<p>configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R16)
	<p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag ‘Out of Resource’. 5620 SAM does not support the operational flag ‘Out of Resource’ for Service Tunnel Bindings.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES/VRPN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VRPN redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R16)
	<p>indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>
5620 SAM 6.0 R1	<p>Network element supported with the following limitations:</p> <p>(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.</p> <p>(Feature Enhancement) Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R16)
	<p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R16)
	<p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES/VP RN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VP RN redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VP RN ping (values 1-39) and VP RN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VP RN subscriber interfaces.</p>

Table 195: 7710 SR 6.0 R15

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R15)
5620 SAM 8.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R15)
	<p>not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 8.0 R1 through R4	<p>Network element supported with the following limitations:</p> <p>(PTS 570001) MLD Multicast Group and SSM Translation. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R15)
	<p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(PTS 570001) MLD Multicast Group and SSM Translation. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support <code>tmnxSyncFailureReason</code> indicating the reason for CPM configuration and boot-env</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R15)
	<p>synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R15)
	<p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(PTS 570001) MLD Multicast Group and SSM Translation. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R15)
	<p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(PTS 570001) MLD Multicast Group and SSM Translation. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support <code>tmnxSyncFailureReason</code> indicating the reason for CPM configuration and boot-env</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R15)
	<p>synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘<code>tmnxDSXClockSyncStateChange</code>’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R15)
	<p>support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(PTS 570001) MLD Multicast Group and SSM Translation. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces.</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p>

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	<p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R15)
	<p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.0 R3 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R15)
	<p>plane” is enabled.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurrences. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R15)
	<p>not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) DHCP Server Operational State. 5620 SAM does not support DHCP Server operational state.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R15)
	<p>the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>
5620 SAM 6.0 R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R15)
	<p>OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R15)
	<p>protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES/VP RN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VP RN redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VP RN subscriber interfaces.</p>
5620 SAM 6.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VP RN services. [559490]</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R15)
	<p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R15)
	<p>longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES/VP RN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VP RN redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VP RN ping (values 1-39) and VP RN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R15)
	<p>startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>

Table 196: 7710 SR 6.0 R14

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R14)
5620 SAM 8.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R14)
	<p>not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R14)
	<p>robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R14)
	<p>instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R14)
	<p>redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R14)
	<p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R14)
	<p>support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R14)
	<p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.0 R3 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R14)
	<p>plane” is enabled.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurrences. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R14)
	<p>not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) DHCP Server Operational State. 5620 SAM does not support DHCP Server operational state.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R14)
	<p>the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>
5620 SAM 6.0 R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R14)
	<p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R14)
	<p>(Feature Enhancement) IP-MTU Support for IES/VP RN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VP RN redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VP RN subscriber interfaces.</p>
5620 SAM 6.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth.</p> <p>(Feature Enhancement) PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage.</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VP RN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VP RN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VP RN services and routing instances.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R14)
	<p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R14)
	<p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES/VP RN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VP RN redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VP RN ping (values 1-39) and VP RN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VP RN subscriber interfaces.</p>

Table 197: 7710 SR 6.0 R13

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R13)
5620 SAM 8.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R13)
	<p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R13)
	<p>replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R13)
	<p>limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R13)
5620 SAM 6.1 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R13)
	<p>IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R13)
	<p>support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R13)
	<p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.0 R3 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R13)
	<p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) DHCP Server Operational State. 5620 SAM does not support DHCP Server operational state.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R13)
	<p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>
5620 SAM 6.0 R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R13)
	<p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R13)
	<p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES/VP RN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VP RN redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VP RN subscriber interfaces.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R13)
5620 SAM 6.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurrences. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R13)
	<p>Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES/VRPN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VRPN redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R13)
	<p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>

Table 198: 7710 SR 6.0 R12

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R12)
5620 SAM 8.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R12)
	<p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R12)
	<p>support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R12)
	<p>support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R12)
	<p>instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘<code>tmnxDSXClockSyncStateChange</code>’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R12)
	<p>5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R12)
	<p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R12)
	<p>Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.0 R3 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurances and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R12)
	<p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) DHCP Server Operational State. 5620 SAM does not support DHCP Server operational state.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R12)
	<p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>
5620 SAM 6.0 R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R12)
	<p>limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R12)
	<p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES/VP RN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VP RN redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VP RN subscriber interfaces.</p>
5620 SAM 6.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VP RN services. [559490]</p> <p>(Feature Enhancement) OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled.</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R12)
	<p>provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R12)
	<p>5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES/VP RN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VP RN redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VP RN ping (values 1-39) and VP RN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VP RN subscriber interfaces.</p>

Table 199: 7710 SR 6.0 R11

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R11)
5620 SAM 8.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R11)
	<p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R11)
	<p>the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R11)
	<p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R11)
	<p>IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R11)
	<p>and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R11)
	<p>the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.0 R3 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R11)
	<p>replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) DHCP Server Operational State. 5620 SAM does not support DHCP Server operational state.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R11)
	<p>redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>
5620 SAM 6.0 R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R11)
	<p>support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES/VP RN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VP RN redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R11)
	<p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>
5620 SAM 6.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test deployment which results in a deployment failure.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R11)
	<p>state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES/VRPN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VRPN redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R11)
	<p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>

Table 200: 7710 SR 6.0 R10

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R10)
5620 SAM 8.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R10)
5620 SAM 7.0 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the <code>tmnxCpmCardSyncFileNotPresent</code> alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R10)
	<p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsxPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R10)
	<p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R10)
	<p>support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R10)
5620 SAM 6.0 R3 through R8	<p>Network element supported with the following limitations:</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) DHCP Server Operational State. 5620 SAM does not support DHCP Server operational state.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R10)
	<p>longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag ‘Out of Resource’. 5620 SAM does not support the operational flag ‘Out of Resource’ for Service Tunnel Bindings.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>
5620 SAM 6.0 R2	<p>Network element supported with the following limitations:</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R10)
	<p>and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support <code>tlsPipStpInsideRegion</code> which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R10)
	<p>not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES/VP RN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VP RN redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VP RN subscriber interfaces.</p>
5620 SAM 6.0 R1	<p>Network element supported with the following limitations:</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VP RN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VP RN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R10)
	<p>5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES/VP RN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VP RN redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R10)
	<p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>

Table 201: 7710 SR 6.0 R9

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R9)
5620 SAM 8.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R9)
	<p>support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R9)
	<p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R9)
	<p>not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.0 R3 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) DHCP Server Operational State. 5620 SAM does not support DHCP Server operational state.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag ‘Out of Resource’. 5620 SAM does not support the operational flag ‘Out of Resource’ for Service Tunnel Bindings.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R9)
	<p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>
5620 SAM 6.0 R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R9)
	<p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag ‘Out of Resource’. 5620 SAM does not support the operational flag ‘Out of Resource’ for Service Tunnel Bindings.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES/VRPN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VRPN redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R9)
	<p>indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>
5620 SAM 6.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.</p> <p>(Feature Enhancement) CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R9)
	<p>(Feature Enhancement) IP-MTU Support for IES/VP RN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VP RN redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VP RN ping (values 1-39) and VP RN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VP RN subscriber interfaces.</p>

Table 202: 7710 SR 6.0 R7 through R8

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R7 through R8)
5620 SAM 8.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R7 through R8)
	<p>support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R7 through R8)
	<p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.0 R3 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) DHCP Server Operational State. 5620 SAM does not support DHCP Server operational state.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag ‘Out of Resource’. 5620 SAM does not support the operational flag ‘Out of Resource’ for Service Tunnel Bindings.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R7 through R8)
	<p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>
5620 SAM 6.0 R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R7 through R8)
	<p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES/VP RN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VP RN redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VP RN subscriber interfaces.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R7 through R8)
5620 SAM 6.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.</p> <p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES/VRN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VRN redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R7 through R8)
	<p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>

Table 203: 7710 SR 6.0 R6

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R6)
5620 SAM 8.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R6)
	<p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R6)
	<p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.0 R3 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) DHCP Server Operational State. 5620 SAM does not support DHCP Server operational state.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag ‘Out of Resource’. 5620 SAM does not support the operational flag ‘Out of Resource’ for Service Tunnel Bindings.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R6)
	<p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>
5620 SAM 6.0 R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag ‘Out of Resource’. 5620 SAM does not support the operational flag ‘Out of Resource’ for Service Tunnel Bindings.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R6)
	<p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES/VP RN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VP RN redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VP RN subscriber interfaces.</p>
5620 SAM 6.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag ‘Out of Resource’. 5620 SAM does not support the operational flag ‘Out of Resource’ for Service Tunnel Bindings.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R6)
	<p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES/VP RN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VP RN redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VP RN ping (values 1-39) and VP RN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VP RN subscriber interfaces.</p>

Table 204: 7710 SR 6.0 R5

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R5)
5620 SAM 8.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R5)
	<p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R5)
	<p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.0 R3 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) BGP Purge Timer. 5620 SAM does not support BGP Purge Timer.</p> <p>(Feature Enhancement) DHCP Server Operational State. 5620 SAM does not support DHCP Server operational state.</p> <p>(Feature Enhancement) RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.</p> <p>(Feature Enhancement) IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag ‘Out of Resource’. 5620 SAM does not support the operational flag ‘Out of Resource’ for Service Tunnel Bindings.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R5)
	<p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>
5620 SAM 6.0 R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag ‘Out of Resource’. 5620 SAM does not support the operational flag ‘Out of Resource’ for Service Tunnel Bindings.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R5)
	<p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES/VP RN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VP RN redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VP RN subscriber interfaces.</p>
5620 SAM 6.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag ‘Out of Resource’. 5620 SAM does not support the operational flag ‘Out of Resource’ for Service Tunnel Bindings.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R5)
	<p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES/VP RN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VP RN redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VP RN ping (values 1-39) and VP RN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VP RN subscriber interfaces.</p>

Table 205: 7710 SR 6.0 R4

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R4)
5620 SAM 8.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R4)
	startup.
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.0 R3 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag ‘Out of Resource’. 5620 SAM does not support the operational flag ‘Out of Resource’ for Service Tunnel Bindings.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R4)
	<p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>
5620 SAM 6.0 R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag ‘Out of Resource’. 5620 SAM does not support the operational flag ‘Out of Resource’ for Service Tunnel Bindings.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R4)
	<p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES/VP RN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VP RN redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VP RN subscriber interfaces.</p>
5620 SAM 6.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.</p> <p>(Feature Enhancement) 802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.</p> <p>(Feature Enhancement) Latest Successful LSP Path MBB and MBB Type. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.</p> <p>(Feature Enhancement) Service Tunnel Binding Operational Flag ‘Out of Resource’. 5620 SAM does not support the operational flag ‘Out of Resource’ for Service Tunnel Bindings.</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R4)
	<p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES/VP RN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VP RN redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VP RN ping (values 1-39) and VP RN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VP RN subscriber interfaces.</p>

Table 206: 7710 SR 6.0 R3

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R3)
5620 SAM 8.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R3)
	<p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.0 R3 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R3)
	<p>the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>
5620 SAM 6.0 R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES/VPRN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R3)
	<p>startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>
5620 SAM 6.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IPv6 VPN. 5620 SAM does not support IPv6 VPN.</p> <p>(Feature Enhancement) Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.</p> <p>(Feature Enhancement) VLL CAC. 5620 SAM does not support VLL CAC.</p> <p>(Feature Enhancement) IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).</p> <p>(Feature Enhancement) L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.</p> <p>(Feature Enhancement) Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).</p> <p>(Feature Enhancement) MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.</p> <p>(Feature Enhancement) TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.</p> <p>(Feature Enhancement) IP-MTU Support for IES/VPRN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces.</p> <p>(Feature Enhancement) MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring.</p> <p>(Feature Enhancement) tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R3)
	(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.

Table 207: 7710 SR 6.0 R2

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R2)
5620 SAM 8.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(PTS 535281) 5620 SAM NE-Schedulable/NE-Persistent STM Test Removal. Upon a full re-synchronization, 7750/7450/7710 6.0 R2 routers may not provide MIB entries on a NE Schedulable or NE Persistent STM test, which may result in 5620 SAM removing tests. Recommendation: Perform manual tests by using regular OAM tests invoked from 5620 SAM. 6.0 R3, and later versions of the router resolve the problem as per the Resolved Issues section of the 7750 SR /7450 ESS /7710 SR 6.0.R3 Software Release Notes.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(PTS 535281) 5620 SAM NE-Schedulable/NE-Persistent STM Test Removal. Upon a full re-synchronization, 7750/7450/7710 6.0 R2 routers may not provide MIB entries on a NE Schedulable or NE Persistent STM test, which may result in 5620 SAM removing tests. Recommendation: Perform manual tests by using regular OAM tests invoked from 5620 SAM. 6.0 R3, and later versions of the router resolve the problem as per the Resolved Issues section of the 7750 SR /7450 ESS /7710 SR 6.0.R3 Software Release Notes.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(PTS 535281) 5620 SAM NE-Schedulable/NE-Persistent STM Test Removal. Upon a full re-synchronization, 7750/7450/7710 6.0 R2 routers may not provide MIB entries on a NE Schedulable or NE Persistent STM test, which may result in 5620 SAM removing tests. Recommendation: Perform manual tests by using regular OAM tests invoked from 5620 SAM. 6.0 R3, and later versions of the router resolve the problem as per the Resolved Issues section of the 7750 SR /7450 ESS /7710 SR 6.0.R3 Software Release Notes.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R2)
	<p>the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.0 R2 through R8	<p>Network element supported with the following limitations:</p> <p>(PTS 535281) 5620 SAM NE-Schedulable/NE-Persistent STM Test Removal. Upon a full re-synchronization, 7750/7450/7710 6.0 R2 routers may not provide MIB entries on a NE Schedulable or NE Persistent STM test, which may result in 5620 SAM removing tests. Recommendation: Perform manual tests by using regular OAM tests invoked from 5620 SAM. 6.0 R3, and later versions of the router resolve the problem as per the Resolved Issues section of the 7750 SR /7450 ESS /7710 SR 6.0.R3 Software Release Notes.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>
5620 SAM 6.0 R1	<p>Network element supported with the following limitations:</p> <p>(PTS 535281) 5620 SAM NE-Schedulable/NE-Persistent STM Test Removal. Upon a full re-synchronization, 7750/7450/7710 6.0 R2 routers may not provide MIB entries on a NE Schedulable or NE Persistent STM test, which may result in 5620 SAM removing tests. Recommendation: Perform manual tests by using regular OAM tests invoked from 5620 SAM. 6.0 R3, and later versions of the router resolve the problem as per the Resolved Issues section of the 7750 SR /7450 ESS /7710 SR 6.0.R3 Software Release Notes.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R2)
	<p>indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>

Table 208: 7710 SR 6.0 R1

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R1)
5620 SAM 8.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 7.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>
5620 SAM 6.0 R2 through R8	<p>Network element supported with the following limitations:</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R1)
5620 SAM 6.0 R1	<p>Network element supported with the following limitations:</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>

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Table 209: 7710 SR 5.0 R23 through R25

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R23 through R25)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R23 through R25)
	<p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 6.1 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R23 through R25)
	<p>startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 6.1 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 547867) VRPP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRPP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurrences. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R23 through R25)
	<p>(Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 6.0 R7 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R23 through R25)
	<p>preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 6.0 R1 through R6	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R23 through R25)
	<p>support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurrences. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R23 through R25)
	<p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 5.0 R6 through R11	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R23 through R25)
	<p>configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(Feature Enhancement) SRRP Instance Master and Backup Traps. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state.</p> <p>(Feature Enhancement) CPM Filter IPv6 Entry Flow Label. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnxMplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel ‘Labels Exhausted’ State Cause. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R23 through R25)
	not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(Feature Enhancement) SRRP Instance Master and Backup Traps. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state.</p> <p>(Feature Enhancement) CPM Filter IPv6 Entry Flow Label. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R23 through R25)
	<p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmNxMplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel ‘Labels Exhausted’ State Cause. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R23 through R25)
5620 SAM 5.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.</p> <p>(Feature Enhancement) MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(Feature Enhancement) SRRP Instance Master and Backup Traps. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state.</p> <p>(Feature Enhancement) CPM Filter IPv6 Entry Flow Label. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R23 through R25)
	<p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel 'Labels Exhausted' State Cause. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) Subscriber Routed Redundancy Protocol. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP).</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R23 through R25)
	<p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES/VRN. 5620 SAM does not support Unnumbered IP Interfaces for IES and VRN services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router and VRN interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VRN interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p>
5620 SAM 5.0 R1 through R2	<p>Network element <u>not</u> supported.</p> <p>5620 SAM does not support management of this router version.</p>

Table 210: 7710 SR 5.0 R22

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R22)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R22)
5620 SAM 6.1 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 6.1 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R22)
	<p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R22)
	not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 6.0 R7 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R22)
	<p>under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 6.0 R1 through R6	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R22)
	<p>not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 5.0 R6 through R11	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R22)
	<p>last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(Feature Enhancement) SRRP Instance Master and Backup Traps. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state.</p> <p>(Feature Enhancement) CPM Filter IPv6 Entry Flow Label. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnxMplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel ‘Labels Exhausted’ State Cause. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R22)
	<p>CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 5.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(Feature Enhancement) SRRP Instance Master and Backup Traps. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state.</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R22)
	<p>(Feature Enhancement) CPM Filter IPv6 Entry Flow Label. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnmplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel ‘Labels Exhausted’ State Cause. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R22)
	not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(Feature Enhancement) SRRP Instance Master and Backup Traps. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state.</p> <p>(Feature Enhancement) CPM Filter IPv6 Entry Flow Label. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R22)
	<p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnlMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel 'Labels Exhausted' State Cause. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) Subscriber Routed Redundancy Protocol. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP).</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R22)
	<p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES/VRN. 5620 SAM does not support Unnumbered IP Interfaces for IES and VRN services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router and VRN interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VRN interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p>
5620 SAM 5.0 R1 through R2	<p>Network element <u>not</u> supported.</p> <p>5620 SAM does not support management of this router version.</p>

Table 211: 7710 SR 5.0 R21

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R21)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 6.1 R4 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R21)
	<p>preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 6.1 R1 through R3	<p>Network element supported with the following limitations:</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R21)
	<p>errors for cards and daughtercards.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 6.0 R7 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R21)
	<p>errors for cards and daughtercards.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R21)
	not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 6.0 R1 through R6	<p>Network element supported with the following limitations:</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R21)
	<p>under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 5.0 R6 through R11	<p>Network element supported with the following limitations:</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(Feature Enhancement) SRRP Instance Master and Backup Traps. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state.</p> <p>(Feature Enhancement) CPM Filter IPv6 Entry Flow Label. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R21)
	<p>support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnxMplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel ‘Labels Exhausted’ State Cause. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 5.0 R5	<p>Network element supported with the following limitations:</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R21)
	<p>interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(Feature Enhancement) SRRP Instance Master and Backup Traps. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state.</p> <p>(Feature Enhancement) CPM Filter IPv6 Entry Flow Label. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnxMplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel ‘Labels Exhausted’ State Cause. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R21)
	<p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 5.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.</p> <p>(Feature Enhancement) Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurrences. 5620 SAM does not support the number of occurrences and last occurrence of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R21)
	<p>preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(Feature Enhancement) SRRP Instance Master and Backup Traps. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state.</p> <p>(Feature Enhancement) CPM Filter IPv6 Entry Flow Label. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnxMplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel ‘Labels Exhausted’ State Cause. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R21)
	<p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) Subscriber Routed Redundancy Protocol. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP).</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES/VPRN. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router and VPRN interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R21)
5620 SAM 5.0 R1 through R2	Network element <u>not</u> supported. 5620 SAM does not support management of this router version.

Table 212: 7710 SR 5.0 R16 through R20

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R16 through R20)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R16 through R20)
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R16 through R20)
5620 SAM 6.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R16 through R20)
	(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R6 through R11	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(Feature Enhancement) SRRP Instance Master and Backup Traps. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state.</p> <p>(Feature Enhancement) CPM Filter IPv6 Entry Flow Label. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnxMplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel ‘Labels Exhausted’ State Cause. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R16 through R20)
	<p>under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 5.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(Feature Enhancement) SRRP Instance Master and Backup Traps. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state.</p> <p>(Feature Enhancement) CPM Filter IPv6 Entry Flow Label. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R16 through R20)
	<p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnmplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel 'Labels Exhausted' State Cause. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 5.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R16 through R20)
	<p>preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(Feature Enhancement) SRRP Instance Master and Backup Traps. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state.</p> <p>(Feature Enhancement) CPM Filter IPv6 Entry Flow Label. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnxMplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel ‘Labels Exhausted’ State Cause. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R16 through R20)
	<p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) Subscriber Routed Redundancy Protocol. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP).</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES/VPRN. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router and VPRN interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R16 through R20)
5620 SAM 5.0 R1 through R2	Network element <u>not</u> supported. 5620 SAM does not support management of this router version.

Table 213: 7710 SR 5.0 R15

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R15)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R15)
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R15)
5620 SAM 6.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R15)
5620 SAM 5.0 R6 through R11	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(Feature Enhancement) SRRP Instance Master and Backup Traps. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state.</p> <p>(Feature Enhancement) CPM Filter IPv6 Entry Flow Label. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnxMplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel ‘Labels Exhausted’ State Cause. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R15)
	<p>support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 5.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(Feature Enhancement) SRRP Instance Master and Backup Traps. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state.</p> <p>(Feature Enhancement) CPM Filter IPv6 Entry Flow Label. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnxMplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel ‘Labels Exhausted’ State Cause. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R15)
	<p>Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 5.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(Feature Enhancement) SRRP Instance Master and Backup Traps. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state.</p> <p>(Feature Enhancement) CPM Filter IPv6 Entry Flow Label. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnxMplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure.</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R15)
	<p>(Feature Enhancement) Service Tunnel 'Labels Exhausted' State Cause. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) Subscriber Routed Redundancy Protocol. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP).</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES/VPRN. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R15)
	<p>support Unnumbered IP Interfaces for IES and VPRN services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router and VPRN interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p>
5620 SAM 5.0 R1 through R2	<p>Network element <u>not</u> supported.</p> <p>5620 SAM does not support management of this router version.</p>

Table 214: 7710 SR 5.0 R14

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R14)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R14)
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 6.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R14)
	<p>support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 5.0 R6 through R11	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(Feature Enhancement) SRRP Instance Master and Backup Traps. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state.</p> <p>(Feature Enhancement) CPM Filter IPv6 Entry Flow Label. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R14)
	<p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel 'Labels Exhausted' State Cause. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 5.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(Feature Enhancement) SRRP Instance Master and Backup Traps. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state.</p> <p>(Feature Enhancement) CPM Filter IPv6 Entry Flow Label. 5620 SAM does not support configuration of "no flow-label" (value -1) for CPM Filter IPv6 entries.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R14)
	<p>the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnxMplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel ‘Labels Exhausted’ State Cause. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R14)
5620 SAM 5.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.</p> <p>(Feature Enhancement) SRRP Instance Master and Backup Traps. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state.</p> <p>(Feature Enhancement) CPM Filter IPv6 Entry Flow Label. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnxMplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel ‘Labels Exhausted’ State Cause. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R14)
	<p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) Subscriber Routed Redundancy Protocol. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP).</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES/VPRN. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router and VPRN interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R14)
	(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.
5620 SAM 5.0 R1 through R2	Network element <u>not</u> supported. 5620 SAM does not support management of this router version.

Table 215: 7710 SR 5.0 R13

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R13)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39),</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R13)
	<p>VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 6.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms.</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R13)
	<p>5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 5.0 R6 through R11	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) SRRP Instance Master and Backup Traps. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state.</p> <p>(Feature Enhancement) CPM Filter IPv6 Entry Flow Label. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnxMplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel ‘Labels Exhausted’ State Cause. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R13)
	<p>CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 5.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) SRRP Instance Master and Backup Traps. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state.</p> <p>(Feature Enhancement) CPM Filter IPv6 Entry Flow Label. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnxMplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel ‘Labels Exhausted’ State Cause. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R13)
	<p>Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 5.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) SRRP Instance Master and Backup Traps. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state.</p> <p>(Feature Enhancement) CPM Filter IPv6 Entry Flow Label. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnxMplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel ‘Labels Exhausted’ State Cause. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R13)
	<p>(Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) Subscriber Routed Redundancy Protocol. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP).</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES/VPRN. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R13)
	<p>support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router and VPRN interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p>
5620 SAM 5.0 R1 through R2	<p>Network element <u>not</u> supported.</p> <p>5620 SAM does not support management of this router version.</p>

Table 216: 7710 SR 5.0 R12

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R12)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39),</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R12)
	<p>VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 6.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms.</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R12)
	<p>5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 5.0 R6 through R11	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) CPM Filter IPv6 Entry Flow Label. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnmplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel ‘Labels Exhausted’ State Cause. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R12)
	<p>startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 5.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) CPM Filter IPv6 Entry Flow Label. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnxMplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel ‘Labels Exhausted’ State Cause. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R12)
	<p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 5.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) CPM Filter IPv6 Entry Flow Label. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries.</p> <p>(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnmplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel ‘Labels Exhausted’ State Cause. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R12)
	<p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) Subscriber Routed Redundancy Protocol. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP).</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES/VPRN. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router and VPRN interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R12)
	<p>interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p>
5620 SAM 5.0 R1 through R2	<p>Network element <u>not</u> supported.</p> <p>5620 SAM does not support management of this router version.</p>

Table 217: 7710 SR 5.0 R11

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R11)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R11)
	<p>(Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 6.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R11)
	<p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 5.0 R6 through R11	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnmplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel ‘Labels Exhausted’ State Cause. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R11)
5620 SAM 5.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnmplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel ‘Labels Exhausted’ State Cause. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R11)
5620 SAM 5.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) SRRP System IP Not Set Alarm. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnxMplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel ‘Labels Exhausted’ State Cause. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy ‘User Name Format’. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) Subscriber Routed Redundancy Protocol. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP).</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R11)
	<p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES/VPRN. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router and VPRN interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p>
5620 SAM 5.0 R1 through R2	<p>Network element <u>not</u> supported.</p> <p>5620 SAM does not support management of this router version.</p>

Table 218: 7710 SR 5.0 R10

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R10)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R10)
	<p>under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 6.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R10)
5620 SAM 5.0 R6 through R11	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnmplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel 'Labels Exhausted' State Cause. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R10)
5620 SAM 5.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnmplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel 'Labels Exhausted' State Cause. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R10)
5620 SAM 5.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnmplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure.</p> <p>(Feature Enhancement) Service Tunnel 'Labels Exhausted' State Cause. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) Subscriber Routed Redundancy Protocol. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP).</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R10)
	<p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES/VRPN. 5620 SAM does not support Unnumbered IP Interfaces for IES and VRPN services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router and VRPN interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VRPN interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p>
5620 SAM 5.0 R1 through R2	<p>Network element <u>not</u> supported.</p> <p>5620 SAM does not support management of this router version.</p>

Table 219: 7710 SR 5.0 R5 through R9

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R5 through R9)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R5 through R9)
	<p>startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 6.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 5.0 R6 through R11	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R5 through R9)
	<p>CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 5.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R5 through R9)
5620 SAM 5.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.</p> <p>(Feature Enhancement) MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.</p> <p>(Feature Enhancement) Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.</p> <p>(Feature Enhancement) ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.</p> <p>(Feature Enhancement) Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.</p> <p>(Feature Enhancement) Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.</p> <p>(Feature Enhancement) OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.</p> <p>(Feature Enhancement) Subscriber Routed Redundancy Protocol. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP).</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES/VPRN. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services.</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R5 through R9)
	<p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router and VPRN interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p>
5620 SAM 5.0 R1 through R2	<p>Network element <u>not</u> supported.</p> <p>5620 SAM does not support management of this router version.</p>

Table 220: 7710 SR 5.0 R4

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R4)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 6.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 5.0 R5 through R11	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R4)
5620 SAM 5.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Subscriber Routed Redundancy Protocol. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP).</p> <p>(Feature Enhancement) DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.</p> <p>(Feature Enhancement) Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.</p> <p>(Feature Enhancement) Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels.</p> <p>(Feature Enhancement) LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.</p> <p>(Feature Enhancement) Unnumbered IP Interfaces on IES/VPRN. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services.</p> <p>(Feature Enhancement) QinQ Encapsulated SAP Support for Efficient EMR. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).</p> <p>(Feature Enhancement) MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).</p> <p>(Feature Enhancement) Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router and VPRN interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R4)
5620 SAM 5.0 R1 through R2	Network element <u>not</u> supported. 5620 SAM does not support management of this router version.

Table 221: 7710 SR 5.0 R3

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R3)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router and VPRN interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router and VPRN interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 6.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router and VPRN interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not</p>

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R3)
	<p>support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 5.0 R5 through R11	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router and VPRN interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p>
5620 SAM 5.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).</p> <p>(Feature Enhancement) Interface Delay Timers. 5620 SAM does not support delay timer configuration for router and VPRN interfaces.</p> <p>(Feature Enhancement) Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces.</p> <p>(Feature Enhancement) LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.</p> <p>(Feature Enhancement) ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.</p> <p>(Feature Enhancement) RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration.</p>
5620 SAM 5.0 R1 through R2	<p>Network element <u>not</u> supported.</p> <p>5620 SAM does not support management of this router version.</p>

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Table 222: 7710 SR 3.0 R13 through R15

5620 SAM Release	Compatibility Statement (7710 SR 3.0 R13 through R15)
5620 SAM 7.0 R1 and above	<p>Network element <u>not</u> supported.</p> <p>5620 SAM does not support management of this router version.</p>
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) TDM DS3/E3/DS0 Channel Network Accounting Policy and Collect-Stats. 5620 SAM does not support Accounting Policy or Collect-Stats parameters for TDM DS3/E3/DS0 Channels.</p> <p>(Feature Enhancement) TDM DS3/E3/DS0 Channel MTU. 5620 SAM does not support MTU values in the range [4475..9208] for TDM DS3/E3/DS0 channels.</p> <p>(Feature Enhancement) IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces.</p> <p>(Feature Enhancement) PIM Three-Way-Hello. 5620 SAM does not support PIM Three-Way-Hello.</p>
5620 SAM 6.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) TDM DS3/E3/DS0 Channel Network Accounting Policy and Collect-Stats. 5620 SAM does not support Accounting Policy or Collect-Stats parameters for TDM DS3/E3/DS0 Channels.</p> <p>(Feature Enhancement) TDM DS3/E3/DS0 Channel MTU. 5620 SAM does not support MTU values in the range [4475..9208] for TDM DS3/E3/DS0 channels.</p> <p>(Feature Enhancement) IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces.</p> <p>(Feature Enhancement) PIM Three-Way-Hello. 5620 SAM does not support PIM Three-Way-Hello.</p>
5620 SAM 5.0 R6 through R11	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) TDM DS3/E3/DS0 Channel Network Accounting Policy and Collect-Stats. 5620 SAM does not support Accounting Policy or Collect-Stats parameters for TDM DS3/E3/DS0 Channels.</p> <p>(Feature Enhancement) TDM DS3/E3/DS0 Channel MTU. 5620 SAM does not support MTU values in the range [4475..9208] for TDM DS3/E3/DS0 channels.</p> <p>(Feature Enhancement) IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces.</p> <p>(Feature Enhancement) PIM Three-Way-Hello. 5620 SAM does not support PIM Three-Way-Hello.</p>

5620 SAM Release	Compatibility Statement (7710 SR 3.0 R13 through R15)
5620 SAM 5.0 R2 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.</p> <p>(Feature Enhancement) TDM DS3/E3/DS0 Channel Network Accounting Policy and Collect-Stats. 5620 SAM does not support Accounting Policy or Collect-Stats parameters for TDM DS3/E3/DS0 Channels.</p> <p>(Feature Enhancement) TDM DS3/E3/DS0 Channel MTU. 5620 SAM does not support MTU values in the range [4475..9208] for TDM DS3/E3/DS0 channels.</p> <p>(Feature Enhancement) IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces.</p> <p>(Feature Enhancement) PIM Three-Way-Hello. 5620 SAM does not support PIM Three-Way-Hello.</p>
5620 SAM 5.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p> <p>(Feature Enhancement) TDM DS3/E3/DS0 Channel Network Accounting Policy and Collect-Stats. 5620 SAM does not support Accounting Policy or Collect-Stats parameters for TDM DS3/E3/DS0 Channels.</p> <p>(Feature Enhancement) TDM DS3/E3/DS0 Channel MTU. 5620 SAM does not support MTU values in the range [4475..9208] for TDM DS3/E3/DS0 channels.</p> <p>(Feature Enhancement) IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces.</p> <p>(Feature Enhancement) PIM Three-Way-Hello. 5620 SAM does not support PIM Three-Way-Hello.</p>
5620 SAM 4.0 R3 through R12	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p> <p>(Feature Enhancement) TDM DS3/E3/DS0 Channel Network Accounting Policy and Collect-Stats. 5620 SAM does not support Accounting Policy or Collect-Stats parameters for TDM DS3/E3/DS0 Channels.</p> <p>(Feature Enhancement) TDM DS3/E3/DS0 Channel MTU. 5620 SAM does not support MTU values in the range [4475..9208] for TDM DS3/E3/DS0 channels.</p> <p>(Feature Enhancement) IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces.</p> <p>(Feature Enhancement) PIM Three-Way-Hello. 5620 SAM does not support PIM Three-Way-Hello.</p>

5620 SAM Release	Compatibility Statement (7710 SR 3.0 R13 through R15)
5620 SAM 4.0 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p> <p>(Feature Enhancement) TDM DS3/E3/DS0 Channel Network Accounting Policy and Collect-Stats. 5620 SAM does not support Accounting Policy or Collect-Stats parameters for TDM DS3/E3/DS0 Channels.</p> <p>(Feature Enhancement) TDM DS3/E3/DS0 Channel MTU. 5620 SAM does not support MTU values in the range [4475..9208] for TDM DS3/E3/DS0 channels.</p> <p>(Feature Enhancement) IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces.</p> <p>(Feature Enhancement) PIM Three-Way-Hello. 5620 SAM does not support PIM Three-Way-Hello.</p> <p>(PTS 503779) OAM Test Execution: 5620 SAM does not support the SDP ping or LSP ping operations.</p>

Table 223: 7710 SR 3.0 R9 through R12

5620 SAM Release	Compatibility Statement (7710 SR 3.0 R9 through R12)
5620 SAM 7.0 R1 and above	<p>Network element <u>not</u> supported.</p> <p>5620 SAM does not support management of this router version.</p>
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) TDM DS3/E3/DS0 Channel Network Accounting Policy and Collect-Stats. 5620 SAM does not support Accounting Policy or Collect-Stats parameters for TDM DS3/E3/DS0 Channels.</p> <p>(Feature Enhancement) TDM DS3/E3/DS0 Channel MTU. 5620 SAM does not support MTU values in the range [4475..9208] for TDM DS3/E3/DS0 channels.</p> <p>(Feature Enhancement) IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces.</p> <p>(Feature Enhancement) PIM Three-Way-Hello. 5620 SAM does not support PIM Three-Way-Hello.</p>
5620 SAM 6.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) TDM DS3/E3/DS0 Channel Network Accounting Policy and Collect-Stats. 5620 SAM does not support Accounting Policy or Collect-Stats parameters for TDM DS3/E3/DS0 Channels.</p> <p>(Feature Enhancement) TDM DS3/E3/DS0 Channel MTU. 5620 SAM does not support MTU values in the range [4475..9208] for TDM DS3/E3/DS0 channels.</p> <p>(Feature Enhancement) IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces.</p> <p>(Feature Enhancement) PIM Three-Way-Hello. 5620 SAM does not support PIM Three-Way-Hello.</p>
5620 SAM 5.0 R2 through R11	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) TDM DS3/E3/DS0 Channel Network Accounting Policy and Collect-Stats. 5620 SAM does not support Accounting Policy or Collect-Stats parameters for TDM DS3/E3/DS0 Channels.</p> <p>(Feature Enhancement) TDM DS3/E3/DS0 Channel MTU. 5620 SAM does not support MTU values in the range [4475..9208] for TDM DS3/E3/DS0 channels.</p> <p>(Feature Enhancement) IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces.</p> <p>(Feature Enhancement) PIM Three-Way-Hello. 5620 SAM does not support PIM Three-Way-Hello.</p>

5620 SAM Release	Compatibility Statement (7710 SR 3.0 R9 through R12)
5620 SAM 5.0 R1	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p> <p>(Feature Enhancement) TDM DS3/E3/DS0 Channel Network Accounting Policy and Collect-Stats. 5620 SAM does not support Accounting Policy or Collect-Stats parameters for TDM DS3/E3/DS0 Channels.</p> <p>(Feature Enhancement) TDM DS3/E3/DS0 Channel MTU. 5620 SAM does not support MTU values in the range [4475..9208] for TDM DS3/E3/DS0 channels.</p> <p>(Feature Enhancement) IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces.</p> <p>(Feature Enhancement) PIM Three-Way-Hello. 5620 SAM does not support PIM Three-Way-Hello.</p>
5620 SAM 4.0 R3 through R12	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p> <p>(Feature Enhancement) TDM DS3/E3/DS0 Channel Network Accounting Policy and Collect-Stats. 5620 SAM does not support Accounting Policy or Collect-Stats parameters for TDM DS3/E3/DS0 Channels.</p> <p>(Feature Enhancement) TDM DS3/E3/DS0 Channel MTU. 5620 SAM does not support MTU values in the range [4475..9208] for TDM DS3/E3/DS0 channels.</p> <p>(Feature Enhancement) IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces.</p> <p>(Feature Enhancement) PIM Three-Way-Hello. 5620 SAM does not support PIM Three-Way-Hello.</p>
5620 SAM 4.0 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements.</p> <p>(Feature Enhancement) TDM DS3/E3/DS0 Channel Network Accounting Policy and Collect-Stats. 5620 SAM does not support Accounting Policy or Collect-Stats parameters for TDM DS3/E3/DS0 Channels.</p> <p>(Feature Enhancement) TDM DS3/E3/DS0 Channel MTU. 5620 SAM does not support MTU values in the range [4475..9208] for TDM DS3/E3/DS0 channels.</p> <p>(Feature Enhancement) IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces.</p> <p>(Feature Enhancement) PIM Three-Way-Hello. 5620 SAM does not support PIM Three-Way-Hello.</p> <p>(PTS 503779) OAM Test Execution: 5620 SAM does not support the SDP ping or LSP</p>

5620 SAM Release	Compatibility Statement (7710 SR 3.0 R9 through R12)
	ping operations.

Table 224: 7710 SR 3.0 R8

5620 SAM Release	Compatibility Statement (7710 SR 3.0 R8)
5620 SAM 7.0 R1 and above	<p>Network element <u>not</u> supported.</p> <p>5620 SAM does not support management of this router version.</p>
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) TDM DS3/E3/DS0 Channel Network Accounting Policy and Collect-Stats. 5620 SAM does not support Accounting Policy or Collect-Stats parameters for TDM DS3/E3/DS0 Channels.</p> <p>(Feature Enhancement) TDM DS3/E3/DS0 Channel MTU. 5620 SAM does not support MTU values in the range [4475..9208] for TDM DS3/E3/DS0 channels.</p> <p>(Feature Enhancement) IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces.</p> <p>(Feature Enhancement) PIM Three-Way-Hello. 5620 SAM does not support PIM Three-Way-Hello.</p>
5620 SAM 6.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) TDM DS3/E3/DS0 Channel Network Accounting Policy and Collect-Stats. 5620 SAM does not support Accounting Policy or Collect-Stats parameters for TDM DS3/E3/DS0 Channels.</p> <p>(Feature Enhancement) TDM DS3/E3/DS0 Channel MTU. 5620 SAM does not support MTU values in the range [4475..9208] for TDM DS3/E3/DS0 channels.</p> <p>(Feature Enhancement) IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces.</p> <p>(Feature Enhancement) PIM Three-Way-Hello. 5620 SAM does not support PIM Three-Way-Hello.</p>
5620 SAM 5.0 R1 through R11	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) TDM DS3/E3/DS0 Channel Network Accounting Policy and Collect-Stats. 5620 SAM does not support Accounting Policy or Collect-Stats parameters for TDM DS3/E3/DS0 Channels.</p> <p>(Feature Enhancement) TDM DS3/E3/DS0 Channel MTU. 5620 SAM does not support MTU values in the range [4475..9208] for TDM DS3/E3/DS0 channels.</p> <p>(Feature Enhancement) IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces.</p> <p>(Feature Enhancement) PIM Three-Way-Hello. 5620 SAM does not support PIM Three-Way-Hello.</p>

5620 SAM Release	Compatibility Statement (7710 SR 3.0 R8)
5620 SAM 4.0 R3 through R12	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) TDM DS3/E3/DS0 Channel Network Accounting Policy and Collect-Stats. 5620 SAM does not support Accounting Policy or Collect-Stats parameters for TDM DS3/E3/DS0 Channels.</p> <p>(Feature Enhancement) TDM DS3/E3/DS0 Channel MTU. 5620 SAM does not support MTU values in the range [4475..9208] for TDM DS3/E3/DS0 channels.</p> <p>(Feature Enhancement) IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces.</p> <p>(Feature Enhancement) PIM Three-Way-Hello. 5620 SAM does not support PIM Three-Way-Hello.</p>
5620 SAM 4.0 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) TDM DS3/E3/DS0 Channel Network Accounting Policy and Collect-Stats. 5620 SAM does not support Accounting Policy or Collect-Stats parameters for TDM DS3/E3/DS0 Channels.</p> <p>(Feature Enhancement) TDM DS3/E3/DS0 Channel MTU. 5620 SAM does not support MTU values in the range [4475..9208] for TDM DS3/E3/DS0 channels.</p> <p>(Feature Enhancement) IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces.</p> <p>(Feature Enhancement) PIM Three-Way-Hello. 5620 SAM does not support PIM Three-Way-Hello.</p> <p>(PTS 503779) OAM Test Execution: 5620 SAM does not support the SDP ping or LSP ping operations.</p>

Table 225: 7710 SR 3.0 R7

5620 SAM Release	Compatibility Statement (7710 SR 3.0 R7)
5620 SAM 7.0 R1 and above	<p>Network element <u>not</u> supported.</p> <p>5620 SAM does not support management of this router version.</p>
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) TDM DS3/E3/DS0 Channel MTU. 5620 SAM does not support MTU values in the range [4475..9208] for TDM DS3/E3/DS0 channels.</p> <p>(Feature Enhancement) IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces.</p> <p>(Feature Enhancement) PIM Three-Way-Hello. 5620 SAM does not support PIM Three-Way-Hello.</p>
5620 SAM 6.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) TDM DS3/E3/DS0 Channel MTU. 5620 SAM does not support MTU values in the range [4475..9208] for TDM DS3/E3/DS0 channels.</p> <p>(Feature Enhancement) IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces.</p> <p>(Feature Enhancement) PIM Three-Way-Hello. 5620 SAM does not support PIM Three-Way-Hello.</p>
5620 SAM 5.0 R1 through R11	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) TDM DS3/E3/DS0 Channel MTU. 5620 SAM does not support MTU values in the range [4475..9208] for TDM DS3/E3/DS0 channels.</p> <p>(Feature Enhancement) IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces.</p> <p>(Feature Enhancement) PIM Three-Way-Hello. 5620 SAM does not support PIM Three-Way-Hello.</p>
5620 SAM 4.0 R3 through R12	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) TDM DS3/E3/DS0 Channel MTU. 5620 SAM does not support MTU values in the range [4475..9208] for TDM DS3/E3/DS0 channels.</p> <p>(Feature Enhancement) IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces.</p> <p>(Feature Enhancement) PIM Three-Way-Hello. 5620 SAM does not support PIM Three-Way-Hello.</p>

5620 SAM Release	Compatibility Statement (7710 SR 3.0 R7)
5620 SAM 4.0 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) TDM DS3/E3/DS0 Channel MTU. 5620 SAM does not support MTU values in the range [4475..9208] for TDM DS3/E3/DS0 channels.</p> <p>(Feature Enhancement) IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces.</p> <p>(Feature Enhancement) PIM Three-Way-Hello. 5620 SAM does not support PIM Three-Way-Hello.</p> <p>(PTS 503779) OAM Test Execution: 5620 SAM does not support the SDP ping or LSP ping operations.</p>

Table 226: 7710 SR 3.0 R6

5620 SAM Release	Compatibility Statement (7710 SR 3.0 R6)
5620 SAM 7.0 R1 and above	Network element <u>not</u> supported. 5620 SAM does not support management of this router version.
5620 SAM 6.1 R1 through R8	Network element supported with the following limitations: (Feature Enhancement) IES / VPRN Interface IP MTU . 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. (Feature Enhancement) PIM Three-Way-Hello . 5620 SAM does not support PIM Three-Way-Hello.
5620 SAM 6.0 R1 through R8	Network element supported with the following limitations: (Feature Enhancement) IES / VPRN Interface IP MTU . 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. (Feature Enhancement) PIM Three-Way-Hello . 5620 SAM does not support PIM Three-Way-Hello.
5620 SAM 5.0 R1 through R11	Network element supported with the following limitations: (Feature Enhancement) IES / VPRN Interface IP MTU . 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. (Feature Enhancement) PIM Three-Way-Hello . 5620 SAM does not support PIM Three-Way-Hello.
5620 SAM 4.0 R3 through R12	Network element supported with the following limitations: (Feature Enhancement) IES / VPRN Interface IP MTU . 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. (Feature Enhancement) PIM Three-Way-Hello . 5620 SAM does not support PIM Three-Way-Hello.
5620 SAM 4.0 R1 through R2	Network element supported with the following limitations: (Feature Enhancement) IES / VPRN Interface IP MTU . 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. (Feature Enhancement) PIM Three-Way-Hello . 5620 SAM does not support PIM Three-Way-Hello. (PTS 503779) OAM Test Execution : 5620 SAM does not support the SDP ping or LSP ping operations.

Table 227: 7710 SR 3.0 R5 ³

5620 SAM Release	Compatibility Statement (7710 SR 3.0 R5)
5620 SAM 7.0 R1 and above	Network element <u>not</u> supported. 5620 SAM does not support management of this router version.
5620 SAM 6.1 R1 through R8	Network element supported with the following limitations: (Feature Enhancement) PIM Three-Way-Hello . 5620 SAM does not support PIM Three-Way-Hello.
5620 SAM 6.0 R1 through R8	Network element supported with the following limitations: (Feature Enhancement) PIM Three-Way-Hello . 5620 SAM does not support PIM Three-Way-Hello.
5620 SAM 5.0 R1 through R11	Network element supported with the following limitations: (Feature Enhancement) PIM Three-Way-Hello . 5620 SAM does not support PIM Three-Way-Hello.
5620 SAM 4.0 R3 through R12	Network element supported with the following limitations: (Feature Enhancement) PIM Three-Way-Hello . 5620 SAM does not support PIM Three-Way-Hello.
5620 SAM 4.0 R1 through R2	Network element supported with the following limitations: (Feature Enhancement) PIM Three-Way-Hello . 5620 SAM does not support PIM Three-Way-Hello. (PTS 503779) OAM Test Execution : 5620 SAM does not support the SDP ping or LSP ping operations.

³ The 7710 Service Router Release 3.0 R4 was never released to the field

Table 228: 7710 SR 3.0 R2 through R3

5620 SAM Release	Compatibility Statement (7710 SR 3.0 R2 through R3)
5620 SAM 7.0 R1 and above	Network element <u>not</u> supported. 5620 SAM does not support management of this router version.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 5.0 R1 through R11	Network element supported as per 5620 SAM Release Description.
5620 SAM 4.0 R3 through R12	Network element supported as per 5620 SAM Release Description.
5620 SAM 4.0 R1 through R2	Network element supported with the following limitations: (PTS 503779) OAM Test Execution: 5620 SAM does not support the SDP ping or LSP ping operations.

Table 229: 7710 SR 3.0 R1

5620 SAM Release	Compatibility Statement (7710 SR 3.0 R1)
5620 SAM 4.0 R1 and above	Network element <u>not</u> supported. 5620 SAM does not support management of this router version.

3.4 Alcatel-Lucent 7705 Service Aggregation Router

Alcatel-Lucent 7705 Service Aggregation Router Release 3.0

Table 230: 7705 SAR 3.0 R3 through R4

5620 SAM Release	Compatibility Statement (7705 SAR 3.0 R3)
5620 SAM 8.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Static-route LDP Sync. 5620 SAM does not support static-route LDP Sync.</p>
5620 SAM 8.0.R3 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) X21 Port Type. 5620 SAM does not support X21 port type.</p> <p>(Feature Enhancement) RS232 Channel Enhancements. 5620 SAM does not support the RS232 channel enhancements.</p> <p>(Feature Enhancement) Auxiliary Alarm Card. 5620 SAM does not support the Auxiliary Alarm Card.</p> <p>(Feature Enhancement) Timing Reference Quality Level. 5620 SAM does not support Timing Reference Quality Levels.</p> <p>(Feature Enhancement) Y1731 Dual-Ended Loss Test. 5620 SAM does not support the Y1731 Dual-Ended Loss Test.</p> <p>(Feature Enhancement) Static-route LDP Sync. 5620 SAM does not support static-route LDP Sync.</p>
5620 SAM 8.0 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) X21 Port Type. 5620 SAM does not support X21 port type.</p> <p>(Feature Enhancement) RS232 Channel Enhancements. 5620 SAM does not support the RS232 channel enhancements.</p> <p>(Feature Enhancement) Auxiliary Alarm Card. 5620 SAM does not support the Auxiliary Alarm Card.</p> <p>(Feature Enhancement) 16 IPCP Bundle Support per 16 Port DS1/E1 ASAP Daughtercard. 5620 SAM does not support 16 IPCP bundles per 16 port DS1/E1 ASAP Daughtercard.</p> <p>(Feature Enhancement) APS Support for 4 Port OC3/STM1 Daughtercard. 5620 SAM does not support APS for the 4 port OC3/STM1 Daughtercard.</p> <p>(Feature Enhancement) 6 Port E&M Daughtercard. 5620 SAM does not support the 6 port E&M Daughtercard.</p> <p>(Feature Enhancement) IES Services. 5620 SAM does not support IES services.</p>

5620 SAM Release	Compatibility Statement (7705 SAR 3.0 R3)
	<p>(Feature Enhancement) CEM for the 2 Port Channelized OC3/STM1 Daughter Card. 5620 SAM does not support CEM for the 2 Port Channelized OC3/STM1 Daughter Card.</p> <p>(Feature Enhancement) OneToOne LSP Fast Reroute. 5620 SAM does not support the OneToOne type of LSP fast reroute.</p> <p>(Feature Enhancement) Timing Reference Quality Level. 5620 SAM does not support Timing Reference Quality Levels.</p> <p>(Feature Enhancement) Y1731 Dual-Ended Loss Test. 5620 SAM does not support the Y1731 Dual-Ended Loss Test.</p> <p>(Feature Enhancement) Y1731 MEP LBR Performance Statistics. 5620 SAM does not support Y1731 MEP LBR Performance Statistics.</p> <p>(Feature Enhancement) Network Port Control Packet Performance Statistics. 5620 SAM does not support Network Port Control Packet Performance Statistics.</p> <p>(Feature Enhancement) Static-route LDP Sync. 5620 SAM does not support static-route LDP Sync.</p>

Table 231: 7705 SAR 3.0 R2

5620 SAM Release	Compatibility Statement (7705 SAR 3.0 R2)
5620 SAM 8.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Auxiliary Alarm Card. 5620 SAM does not support the Auxiliary Alarm Card.</p> <p>(Feature Enhancement) Y1731 Dual-Ended Loss Test. 5620 SAM does not support the Y1731 Dual-Ended Loss Test.</p> <p>(Feature Enhancement) Static-route LDP Sync. 5620 SAM does not support static-route LDP Sync.</p>
5620 SAM 8.0.R3 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Auxiliary Alarm Card. 5620 SAM does not support the Auxiliary Alarm Card.</p> <p>(Feature Enhancement) Timing Reference Quality Level. 5620 SAM does not support Timing Reference Quality Levels.</p> <p>(Feature Enhancement) Y1731 Dual-Ended Loss Test. 5620 SAM does not support the Y1731 Dual-Ended Loss Test.</p> <p>(Feature Enhancement) Static-route LDP Sync. 5620 SAM does not support static-route LDP Sync.</p>
5620 SAM 8.0 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) Auxiliary Alarm Card. 5620 SAM does not support the Auxiliary Alarm Card.</p> <p>(Feature Enhancement) 16 IPCP Bundle Support per 16 Port DS1/E1 ASAP Daughtercard. 5620 SAM does not support 16 IPCP bundles per 16 port DS1/E1 ASAP Daughtercard.</p> <p>(Feature Enhancement) APS Support for 4 Port OC3/STM1 Daughtercard. 5620 SAM does not support APS for the 4 port OC3/STM1 Daughtercard.</p> <p>(Feature Enhancement) 6 Port E&M Daughtercard. 5620 SAM does not support the 6 port E&M Daughtercard.</p> <p>(Feature Enhancement) IES Services. 5620 SAM does not support IES services.</p> <p>(Feature Enhancement) CEM for the 2 Port Channelized OC3/STM1 Daughter Card. 5620 SAM does not support CEM for the 2 Port Channelized OC3/STM1 Daughter Card.</p> <p>(Feature Enhancement) OneToOne LSP Fast Reroute. 5620 SAM does not support the OneToOne type of LSP fast reroute.</p> <p>(Feature Enhancement) Timing Reference Quality Level. 5620 SAM does not support Timing Reference Quality Levels.</p>

5620 SAM Release	Compatibility Statement (7705 SAR 3.0 R2)
	<p>(Feature Enhancement) Y1731 Dual-Ended Loss Test. 5620 SAM does not support the Y1731 Dual-Ended Loss Test.</p> <p>(Feature Enhancement) Y1731 MEP LBR Performance Statistics. 5620 SAM does not support Y1731 MEP LBR Performance Statistics.</p> <p>(Feature Enhancement) Network Port Control Packet Performance Statistics. 5620 SAM does not support Network Port Control Packet Performance Statistics.</p> <p>(Feature Enhancement) Static-route LDP Sync. 5620 SAM does not support static-route LDP Sync.</p>

Table 232: 7705 SAR 3.0 R1

5620 SAM Release	Compatibility Statement (7705 SAR 3.0 R1)
5620 SAM 8.0 R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IES Services. 5620 SAM does not support IES services.</p> <p>(Feature Enhancement) Y1731 Dual-Ended Loss Test. 5620 SAM does not support the Y1731 Dual-Ended Loss Test.</p> <p>(Feature Enhancement) Static-route LDP Sync. 5620 SAM does not support static-route LDP Sync.</p>
5620 SAM 8.0 R3 through R4	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IES Services. 5620 SAM does not support IES services.</p> <p>(Feature Enhancement) Timing Reference Quality Level. 5620 SAM does not support Timing Reference Quality Levels.</p> <p>(Feature Enhancement) Y1731 Dual-Ended Loss Test. 5620 SAM does not support the Y1731 Dual-Ended Loss Test.</p> <p>(Feature Enhancement) Static-route LDP Sync. 5620 SAM does not support static-route LDP Sync.</p>
5620 SAM 8.0 R1 through R2	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) IES Services. 5620 SAM does not support IES services.</p> <p>(Feature Enhancement) CEM for the 2 Port Channelized OC3/STM1 Daughter Card. 5620 SAM does not support CEM for the 2 Port Channelized OC3/STM1 Daughter Card.</p> <p>(Feature Enhancement) OneToOne LSP Fast Reroute. 5620 SAM does not support the OneToOne type of LSP fast reroute.</p> <p>(Feature Enhancement) Timing Reference Quality Level. 5620 SAM does not support Timing Reference Quality Levels.</p> <p>(Feature Enhancement) Y1731 Dual-Ended Loss Test. 5620 SAM does not support the Y1731 Dual-Ended Loss Test.</p> <p>(Feature Enhancement) Y1731 MEP LBR Performance Statistics. 5620 SAM does not support Y1731 MEP LBR Performance Statistics.</p> <p>(Feature Enhancement) Network Port Control Packet Performance Statistics. 5620 SAM does not support Network Port Control Packet Performance Statistics.</p> <p>(Feature Enhancement) Static-route LDP Sync. 5620 SAM does not support static-route LDP Sync.</p>

Alcatel-Lucent 7705 Service Aggregation Router Release 2.1**Table 233:** 7705 SAR 2.1 R3 through R4

5620 SAM Release	Compatibility Statement (7705 SAR 2.1 R3 through R4)
5620 SAM 8.0 R1 through R5	Network element supported with the following limitations: (Feature Enhancement) Static-route LDP Sync. 5620 SAM does not support static-route LDP Sync.
5620 SAM 7.0 R5 through R8	Network element supported with the following limitations: (Feature Enhancement) Static-route LDP Sync. 5620 SAM does not support static-route LDP Sync. (Feature Enhancement) Active / Standby mode for PW redundancy. 5620 SAM does not support Active / Standby mode for PW redundancy.

Table 234: 7705 SAR 2.1 R1 through R2

5620 SAM Release	Compatibility Statement (7705 SAR 2.1 R1 through R2)
5620 SAM 8.0 R1 through R5	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R5 through R8	Network element supported as per 5620 SAM Release Description.

Alcatel-Lucent 7705 Service Aggregation Router Release 2.0**Table 235:** 7705 SAR 2.0 R3 through R5

5620 SAM Release	Compatibility Statement (7705 SAR 2.0 R3 through R5)
5620 SAM 8.0 R1 through R5	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R2 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1	Network element supported with the following limitations: (Feature Enhancement) RSVP-TE MD5 Authentication . 5620 SAM does not support MD5 Authentication for RSVP-TE Interfaces. (Feature Enhancement) T1 CAS / RBS . 5620 SAM does not support T1 CAS / Robbed Bit Signaling (RBS). If this functionality were to be enabled from the node while being managed by 5620 SAM 7.0 R1, this could cause management issues for this node. This functionality is fully supported as of 5620 SAM 7.0 R2.

Table 236: 7705 SAR 2.0 R1 through R2

5620 SAM Release	Compatibility Statement (7705 SAR 2.0 R1 through R2)
5620 SAM 8.0 R1 through R5	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description.

Alcatel-Lucent 7705 Service Aggregation Router Release 1.1**Table 237:** 7705 SAR 1.1 R2 through R4

5620 SAM Release	Compatibility Statement (7705 SAR 1.1 R2 through R4)
5620 SAM 8.0 R1 through R5	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.1 R3 through R8	Network element supported with the following limitations: (Feature Enhancement) CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive clock recovery.

Table 238: 7705 SAR 1.1 R1

5620 SAM Release	Compatibility Statement (7705 SAR 1.1 R1)
5620 SAM 8.0 R1 through R5	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.1 R3 through R8	Network element supported as per 5620 SAM Release Description.

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Table 239: 7705 SAR 1.0 R6 through R7

5620 SAM Release	Compatibility Statement (7705 SAR 1.0 R6 through R7)
5620 SAM 8.0 R1 through R5	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R4 through R8	Network element supported with the following limitations: (PTS 568296) MIB Entry Policy for CEM SAP Statistics: 5620 SAM does not support MIB Entry Policy for CEM Statistics.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.1 R3 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.1 R1 through R2	Network element supported with the following limitations: (PTS 544955) ISSU Upgrade: 5620 SAM does not support ISSU upgrade from 7705 SAR 1.0 R5 to 1.0 R6 or later.

Table 240: 7705 SAR 1.0 R3 through R5

5620 SAM Release	Compatibility Statement (7705 SAR 1.0 R3 through R5)
5620 SAM 8.0 R1 through R5	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R4 through R8	Network element supported with the following limitations: (PTS 568296) MIB Entry Policy for CEM SAP Statistics: 5620 SAM does not support MIB Entry Policy for CEM Statistics.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description.

Table 241: 7705 SAR 1.0 R1 through R2

5620 SAM Release	Compatibility Statement (7705 SAR 1.0 R1 through R2)
5620 SAM 8.0 R1 through R5	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R4 through R8	Network element supported with the following limitations: (PTS 568296) MIB Entry Policy for CEM SAP Statistics: 5620 SAM does not support MIB Entry Policy for CEM Statistics.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.0 R2 through R8	Network element supported as per 5620 SAM Release Description.

3.5 Alcatel-Lucent 7210 Service Access Switch

Alcatel-Lucent 7210 Service Access Switch Release 2.0

Table 242: 7210 SAS-E / SAS-M 2.0 R2 through R4

5620 SAM Release	Compatibility Statement (7210 SAS-E / SAS-M 2.0 R2 through R4)
5620 SAM 8.0 R5	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description. 7210 SAS E / SAS M 2.0 R2 and later node loads are supported with feature parity of 2.0 R1.

Table 243: 7210 SAS-M 24F2XFP 2.0 R2 through R4

5620 SAM Release	Compatibility Statement (7210 SAS-M 24F2XFP 2.0 R2 through R4)
5620 SAM 8.0 R5	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description. 7210 SAS 24F2XFP 2.0 R2 and later node loads are supported with feature parity of 2.0 R1.

Table 244: 7210 SAS-M 24F2XFP ETR 2.0 R2 through R4

5620 SAM Release	Compatibility Statement (7210 SAS-M 24F2XFP ETR 2.0 R2 through R4)
5620 SAM 8.0 R5	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description. 7210 SAS 24F2XFP ETR 2.0 R2 and later node loads are supported with feature parity of 2.0 R1.

Table 245: 7210 SAS-E / SAS-M 2.0 R1

5620 SAM Release	Compatibility Statement (7210 SAS-E / SAS-M 2.0 R1)
5620 SAM 8.0 R3 through R5	Network element supported as per 5620 SAM Release Description.

Table 246: 7210 SAS-M 24F2XFP 2.0 R1

5620 SAM Release	Compatibility Statement (7210 SAS-M 24F2XFP 2.0 R1)
5620 SAM 8.0 R3 through R5	Network element supported as per 5620 SAM Release Description.

Table 247: 7210 SAS-M 24F2XFP ETR 2.0 R1

5620 SAM Release	Compatibility Statement (7210 SAS-M 24F2XFP ETR 2.0 R1)
5620 SAM 8.0 R3 through R5	Network element supported as per 5620 SAM Release Description.

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Table 248: 7210 SAS-E 1.1 R4 through R10

5620 SAM Release	Compatibility Statement (7210 SAS-E 1.1 R4 through R10)
5620 SAM 8.0 R1 through R5	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R5 through R8	Network element supported with the following limitations: (PTS 571333) Access Ingress Policy with MAC Entry. 5620 SAM does not support deployment of the MAC match criteria entry for 7210 Access Ingress policies. A deployment failure will result upon the deployment.

Table 249: 7210 SAS-M 1.1 R4 through R10

5620 SAM Release	Compatibility Statement (7210 SAS-M 1.1 R4 through R10)
5620 SAM 8.0 R1 through R5	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R6 through R8	Network element supported with the following limitations: (PTS 571333) Access Ingress Policy with MAC Entry. 5620 SAM does not support deployment of the MAC match criteria entry for 7210 Access Ingress policies. A deployment failure will result upon the deployment.
5620 SAM 7.0 R5	Network element supported with the following limitations: (Feature Enhancement) Network Policies. 5620 SAM does not support Network Policies. (PTS 571333) Access Ingress Policy with MAC Entry. 5620 SAM does not support deployment of the MAC match criteria entry for 7210 Access Ingress policies. A deployment failure will result upon the deployment.

Table 250: 7210 SAS-M 24F2XFP 1.1 R6 through R10

5620 SAM Release	Compatibility Statement (7210 SAS-M 24F2XFP 1.1 R6 through R10)
5620 SAM 8.0 R1 through R5	Network element supported as per 5620 SAM Release Description.

Table 251: 7210 SAS-M 24F2XFP ETR 1.1 R8 through R10

5620 SAM Release	Compatibility Statement (7210 SAS-M 24F2XFP ETR 1.1 R8 through R9)
5620 SAM 8.0 R3 through R5	Network element supported as per 5620 SAM Release Description.

Table 252: 7210 SAS-E 1.1 R3

5620 SAM Release	Compatibility Statement (7210 SAS-E 1.1 R3)
5620 SAM 8.0 R1 through R5	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R5 through R8	Network element supported as per 5620 SAM Release Description.

Table 253: 7210 SAS-M 1.1 R3

5620 SAM Release	Compatibility Statement (7210 SAS-M 1.1 R3)
5620 SAM 8.0 R1 through R5	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R6 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R5	Network element supported with the following limitations: (Feature Enhancement) Network Policies. 5620 SAM does not support Network Policies.

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Table 254: 7210 SAS-E 1.0 R5 through R6

5620 SAM Release	Compatibility Statement (7210 SAS-E 1.0 R5 through R6)
5620 SAM 8.0 R1 through R5	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R5 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R3 through R4	Network element supported with the following limitations: (Feature Enhancement) Egress Rate Limiting and Frame Based Accounting. 5620 SAM does not support Egress Rate Limiting and Frame Based Accounting.
5620 SAM 7.0 R1 through R2	Network element supported with the following limitations: (Feature Enhancement) Egress Rate Limiting and Frame Based Accounting. 5620 SAM does not support Egress Rate Limiting and Frame Based Accounting. (Feature Enhancement) IGMP Snooping. 5620 SAM does not support IGMP Snooping.

Table 255: 7210 SAS-E 1.0 R4

5620 SAM Release	Compatibility Statement (7210 SAS-E 1.0 R4)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R3 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R2	Network element supported with the following limitations: (Feature Enhancement) IGMP Snooping. 5620 SAM does not support IGMP Snooping.

Table 256: 7210 SAS-E 1.0 R3

5620 SAM Release	Compatibility Statement (7210 SAS-E 1.0 R3)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description.

3.6 Alcatel-Lucent 7250 Service Access Switch

Alcatel-Lucent 7250 Service Access Switch Release 3.0

Table 257: 7250 SAS 3.0 R9 (ESA Chassis Mode)

5620 SAM Release	Compatibility Statement (7250 SAS 3.0 R9 (ESA Chassis Mode))
5620 SAM 8.0 R1 through R5	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R8	Network element supported with the following limitations: (Feature Enhancement) SFP 3HE00869 Support. 5620 SAM does not support SFP 3HE00869.

Table 258: 7250 SAS 3.0 R9 (ES Chassis Mode)

5620 SAM Release	Compatibility Statement (7250 SAS 3.0 R8 (ES Chassis Mode))
5620 SAM 8.0 R1 through R5	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description.

Table 259: 7250 SAS 3.0 R8 (ESA Chassis Mode)

5620 SAM Release	Compatibility Statement (7250 SAS 3.0 R8 (ESA Chassis Mode))
5620 SAM 8.0 R1 through R5	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description.

Table 260: 7250 SAS 3.0 R8 (ES Chassis Mode)

5620 SAM Release	Compatibility Statement (7250 SAS 3.0 R8 (ES Chassis Mode))
5620 SAM 8.0 R1 through R5	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description.

Table 261: 7250 SAS 3.0 R7 (ESA Chassis Mode)

5620 SAM Release	Compatibility Statement (7250 SAS 3.0 R7 (ESA Chassis Mode))
5620 SAM 8.0 R1 through R5	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description.

Table 262: 7250 SAS 3.0 R7 (ES Chassis Mode)

5620 SAM Release	Compatibility Statement (7250 SAS 3.0 R7 (ES Chassis Mode))
5620 SAM 8.0 R1 through R5	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description.

Table 263: 7250 SAS 3.0 R6 (ESA Chassis Mode)

5620 SAM Release	Compatibility Statement (7250 SAS 3.0 R6 (ESA Chassis Mode))
5620 SAM 8.0 R1 through R5	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.1 R3 through R8	Network element supported as per 5620 SAM Release Description.

Table 264: 7250 SAS 3.0 R6 (ES Chassis Mode)

5620 SAM Release	Compatibility Statement (7250 SAS 3.0 R6 (ES Chassis Mode))
5620 SAM 8.0 R1 through R5	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.1 R3 through R8	Network element supported as per 5620 SAM Release Description.

Table 265: 7250 SAS 3.0 R5 (ESA Chassis Mode)

5620 SAM Release	Compatibility Statement (7250 SAS 3.0 R5 (ESA Chassis Mode))
5620 SAM 8.0 R1 through R5	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.1 R3 through R8	Network element supported as per 5620 SAM Release Description.

Table 266: 7250 SAS 3.0 R5 (ES Chassis Mode)

5620 SAM Release	Compatibility Statement (7250 SAS 3.0 R5 (ES Chassis Mode))
5620 SAM 8.0 R1 through R5	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.1 R3 through R8	Network element supported as per 5620 SAM Release Description.

Table 267: 7250 SAS 3.0 R4.1 (ESA Chassis Mode)

5620 SAM Release	Compatibility Statement (7250 SAS 3.0 R4.1 (ESA Chassis Mode))
5620 SAM 8.0 R1 through R5	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description.

Table 268: 7250 SAS 3.0 R4.1 (ES Chassis Mode)

5620 SAM Release	Compatibility Statement (7250 SAS 3.0 R4.1 (ES Chassis Mode))
5620 SAM 8.0 R1 through R5	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description.

Table 269: 7250 SAS 3.0 R3.1 (ESA Chassis Mode)

5620 SAM Release	Compatibility Statement (7250 SAS 3.0 R3.1 (ESA Chassis Mode))
5620 SAM 8.0 R1 through R5	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description.

Table 270: 7250 SAS 3.0 R3.1 (ES Chassis Mode)

5620 SAM Release	Compatibility Statement (7250 SAS 3.0 R3.1 (ES Chassis Mode))
5620 SAM 8.0 R1 through R5	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description.

Table 271: 7250 SAS 3.0 R3 (ESA Chassis Mode)

5620 SAM Release	Compatibility Statement (7250 SAS 3.0 R3 (ESA Chassis Mode))
5620 SAM 6.0 R1 and above	Network element not supported.

Table 272: 7250 SAS 3.0 R3 (ES Chassis Mode)

5620 SAM Release	Compatibility Statement (7250 SAS 3.0 R3 (ES Chassis Mode))
5620 SAM 6.0 R1 and above	Network element not supported.

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Table 273: 7250 SAS 2.0 R11 through R13 (ES Chassis Mode)

5620 SAM Release	Compatibility Statement (7250 SAS 2.0 R11 through R13 (ES Chassis Mode))
5620 SAM 8.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) sdpOperStatus Mappings. The following mapping discrepancies in sdpOperStatus will exist between CLI and 5620 SAM:</p> <ul style="list-style-type: none"> 7250 CLI “Idle” will map to “Tunnel Not Ready” in 5620 SAM 7250 CLI “Established Backup” will map to “MTU Mismatch” in 5620 SAM
5620 SAM 7.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) sdpOperStatus Mappings. The following mapping discrepancies in sdpOperStatus will exist between CLI and 5620 SAM:</p> <ul style="list-style-type: none"> 7250 CLI “Idle” will map to “Tunnel Not Ready” in 5620 SAM 7250 CLI “Established Backup” will map to “MTU Mismatch” in 5620 SAM
5620 SAM 6.1 R3 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) sdpOperStatus Mappings. The following mapping discrepancies in sdpOperStatus will exist between CLI and 5620 SAM:</p> <ul style="list-style-type: none"> 7250 CLI “Idle” will map to “Tunnel Not Ready” in 5620 SAM 7250 CLI “Established Backup” will map to “MTU Mismatch” in 5620 SAM

Table 274: 7250 SAS 2.0 R11 through R13 (STD Chassis Mode)

5620 SAM Release	Compatibility Statement (7250 SAS 2.0 R11 through R13 (STD Chassis Mode))
5620 SAM 8.0 R1 through R5	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.1 R3 through R8	Network element supported as per 5620 SAM Release Description.

Table 275: 7250 SAS 2.0 R10 (ES Chassis Mode)

5620 SAM Release	Compatibility Statement (7250 SAS 2.0 R10 (ES Chassis Mode))
5620 SAM 8.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) sdpOperStatus Mappings. The following mapping discrepancies in sdpOperStatus will exist between CLI and 5620 SAM:</p> <ul style="list-style-type: none"> 7250 CLI “Idle” will map to “Tunnel Not Ready” in 5620 SAM 7250 CLI “Established Backup” will map to “MTU Mismatch” in 5620 SAM
5620 SAM 7.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) sdpOperStatus Mappings. The following mapping discrepancies in sdpOperStatus will exist between CLI and 5620 SAM:</p> <ul style="list-style-type: none"> 7250 CLI “Idle” will map to “Tunnel Not Ready” in 5620 SAM 7250 CLI “Established Backup” will map to “MTU Mismatch” in 5620 SAM
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) sdpOperStatus Mappings. The following mapping discrepancies in sdpOperStatus will exist between CLI and 5620 SAM:</p> <ul style="list-style-type: none"> 7250 CLI “Idle” will map to “Tunnel Not Ready” in 5620 SAM 7250 CLI “Established Backup” will map to “MTU Mismatch” in 5620 SAM
5620 SAM 6.0 R5 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) sdpOperStatus Mappings. The following mapping discrepancies in sdpOperStatus will exist between CLI and 5620 SAM:</p> <ul style="list-style-type: none"> 7250 CLI “Idle” will map to “Tunnel Not Ready” in 5620 SAM 7250 CLI “Established Backup” will map to “MTU Mismatch” in 5620 SAM

Table 276: 7250 SAS 2.0 R10 (STD Chassis Mode)

5620 SAM Release	Compatibility Statement (7250 SAS 2.0 R10 (STD Chassis Mode))
5620 SAM 8.0 R1 through R5	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.0 R5 through R8	Network element supported as per 5620 SAM Release Description.

Table 277: 7250 SAS 2.0 R9 (ES Chassis Mode)

5620 SAM Release	Compatibility Statement (7250 SAS 2.0 R9 (ES Chassis Mode))
5620 SAM 8.0 R1 through R5	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) sdpOperStatus Mappings. The following mapping discrepancies in sdpOperStatus will exist between CLI and 5620 SAM:</p> <ul style="list-style-type: none"> 7250 CLI “Idle” will map to “Tunnel Not Ready” in 5620 SAM 7250 CLI “Established Backup” will map to “MTU Mismatch” in 5620 SAM
5620 SAM 7.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) sdpOperStatus Mappings. The following mapping discrepancies in sdpOperStatus will exist between CLI and 5620 SAM:</p> <ul style="list-style-type: none"> 7250 CLI “Idle” will map to “Tunnel Not Ready” in 5620 SAM 7250 CLI “Established Backup” will map to “MTU Mismatch” in 5620 SAM
5620 SAM 6.1 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) sdpOperStatus Mappings. The following mapping discrepancies in sdpOperStatus will exist between CLI and 5620 SAM:</p> <ul style="list-style-type: none"> 7250 CLI “Idle” will map to “Tunnel Not Ready” in 5620 SAM 7250 CLI “Established Backup” will map to “MTU Mismatch” in 5620 SAM
5620 SAM 6.0 R1 through R8	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) sdpOperStatus Mappings. The following mapping discrepancies in sdpOperStatus will exist between CLI and 5620 SAM:</p> <ul style="list-style-type: none"> 7250 CLI “Idle” will map to “Tunnel Not Ready” in 5620 SAM 7250 CLI “Established Backup” will map to “MTU Mismatch” in 5620 SAM
5620 SAM 5.0 R5 through R11	<p>Network element supported with the following limitations:</p> <p>(Feature Enhancement) sdpOperStatus Mappings. The following mapping discrepancies in sdpOperStatus will exist between CLI and 5620 SAM:</p> <ul style="list-style-type: none"> 7250 CLI “Idle” will map to “Tunnel Not Ready” in 5620 SAM 7250 CLI “Established Backup” will map to “MTU Mismatch” in 5620 SAM

Table 278: 7250 SAS 2.0 R9 (STD Chassis Mode)

5620 SAM Release	Compatibility Statement (7250 SAS 2.0 R9 (STD Chassis Mode))
5620 SAM 8.0 R1 through R5	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 5.0 R5 through R11	Network element supported as per 5620 SAM Release Description.

Table 279: 7250 SAS 2.0 R8.1 (ES Chassis Mode)

5620 SAM Release	Compatibility Statement (7250 SAS 2.0 R8.1 (ES Chassis Mode))
5620 SAM 8.0 R1 through R5	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 5.0 R5 through R11	Network element supported as per 5620 SAM Release Description.

Table 280: 7250 SAS 2.0 R8.1 (STD Chassis Mode)

5620 SAM Release	Compatibility Statement (7250 SAS 2.0 R8.1 (STD Chassis Mode))
5620 SAM 8.0 R1 through R5	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 5.0 R5 through R11	Network element supported as per 5620 SAM Release Description.

Table 281: 7250 SAS 2.0 R8 (ES Chassis Mode)

5620 SAM Release	Compatibility Statement (7250 SAS 2.0 R8 (ES Chassis Mode))
5620 SAM 8.0 R1 through R5	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 5.0 R5 through R11	Network element supported as per 5620 SAM Release Description.

Table 282: 7250 SAS 2.0 R8 (STD Chassis Mode)

5620 SAM Release	Compatibility Statement (7250 SAS 2.0 R8 (STD Chassis Mode))
5620 SAM 8.0 R1 through R5	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 5.0 R5 through R11	Network element supported as per 5620 SAM Release Description.

Table 283: 7250 SAS 2.0 R7.1 (ES Chassis Mode)

5620 SAM Release	Compatibility Statement (7250 SAS 2.0 R7.1 (ES Chassis Mode))
5620 SAM 8.0 R1 through R5	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 5.0 R5 through R11	Network element supported as per 5620 SAM Release Description.

Table 284: 7250 SAS 2.0 R7.1 (STD Chassis Mode)

5620 SAM Release	Compatibility Statement (7250 SAS 2.0 R7.1 (STD Chassis Mode))
5620 SAM 8.0 R1 through R5	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 5.0 R5 through R11	Network element supported as per 5620 SAM Release Description.

Table 285: 7250 SAS 2.0 R5.2 (ES Chassis Mode)

5620 SAM Release	Compatibility Statement (7250 SAS 2.0 R5.2 (ES Chassis Mode))
5620 SAM 6.1 R1 and above	Network element <u>not</u> supported.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 5.0 R5 through R11	Network element supported as per 5620 SAM Release Description.

Table 286: 7250 SAS 2.0 R5.2 (STD Chassis Mode)

5620 SAM Release	Compatibility Statement (7250 SAS 2.0 R5.2 (STD Chassis Mode))
5620 SAM 6.1 R1 and above	Network element <u>not</u> supported.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 5.0 R5 through R11	Network element supported as per 5620 SAM Release Description.

Table 287: 7250 SAS 2.0 R5.1 (ES Chassis Mode)

5620 SAM Release	Compatibility Statement (7250 SAS 2.0 R5.1 (ES Chassis Mode))
5620 SAM 5.0 R5 and above	Network element <u>not</u> supported.
5620 SAM 5.0 R3 through R4	Network element supported as per 5620 SAM Release Description.
5620 SAM 5.0 R1 through R2	7250 Enhanced Services (ES) Chassis Support. 5620 SAM supports the ES chassis of the 7250 SAS 2.0 at a 1.0 level of functionality.

Table 288: 7250 SAS 2.0 R5.1 (STD Chassis Mode)

5620 SAM Release	Compatibility Statement (7250 SAS 2.0 R5.1 (STD Chassis Mode))
5620 SAM 5.0 R5 and above	Network element <u>not</u> supported.
5620 SAM 5.0 R3 through R4	Network element supported as per 5620 SAM Release Description.
5620 SAM 5.0 R1 through R2	7250 Enhanced Services (STD) Chassis Support. 5620 SAM supports the STD chassis of the 7250 SAS 2.0 at a 1.0 level of functionality.

Table 289: 7250 SAS 2.0 R5 (ES Chassis Mode)

5620 SAM Release	Compatibility Statement (7250 SAS 2.0 R5 (ES Chassis Mode))
5620 SAM 5.0 R3 and above	Network element <u>not</u> supported.
5620 SAM 5.0 R1 through R2	7250 Enhanced Services (ES) Chassis Support. 5620 SAM supports the ES chassis of the 7250 SAS 2.0 at a 1.0 level of functionality.

Table 290: 7250 SAS 2.0 R5 (STD Chassis Mode)

5620 SAM Release	Compatibility Statement (7250 SAS 2.0 R5 (STD Chassis Mode))
5620 SAM 5.0 R3 and above	Network element <u>not</u> supported.
5620 SAM 5.0 R1 through R2	7250 Enhanced Services (STD) Chassis Support. 5620 SAM supports the STD chassis of the 7250 SAS 2.0 at a 1.0 level of functionality.

Table 291: 7250 SAS 2.0 R1 (ES Chassis Mode)

5620 SAM Release	Compatibility Statement (7250 SAS 2.0 R1 (ES Chassis Mode))
5620 SAM 5.0 R1 and above	Network element <u>not</u> supported.
5620 SAM 4.0 R6 through R12	7250 Enhanced Services (ES) Chassis Support. 5620 SAM supports the ES chassis of the 7250 SAS 2.0 at a 1.0 level of functionality.

Table 292: 7250 SAS 2.0 R3 (STD Chassis Mode)

5620 SAM Release	Compatibility Statement (7250 SAS 2.0 R3 (STD Chassis Mode))
5620 SAM 5.0 R1 and above	Network element <u>not</u> supported.
5620 SAM 4.0 R7 through R12	7250 Enhanced Services (STD) Chassis Support. 5620 SAM supports the STD chassis of the 7250 SAS 2.0 at a 1.0 level of functionality.

Alcatel-Lucent 7250 Service Access Switch Release 1.0**Table 293:** 7250 SAS 1.0 R8

5620 SAM Release	Compatibility Statement (7250 SAS 1.0 R8)
5620 SAM 6.1 R1 and above	Network element <u>not</u> supported.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 5.0 R1 through R11	Network element supported as per 5620 SAM Release Description.
5620 SAM 4.0 R1 through R12	Network element supported as per 5620 SAM Release Description.

Table 294: 7250 SAS 1.0 R7

5620 SAM Release	Compatibility Statement (7250 SAS 1.0 R7)
5620 SAM 6.1 R1 and above	Network element <u>not</u> supported.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 5.0 R1 through R11	Network element supported as per 5620 SAM Release Description.
5620 SAM 4.0 R1 through R12	Network element supported as per 5620 SAM Release Description.
5620 SAM 3.0 R7 through R10	Network element supported as per 5620 SAM Release Description.

Table 295: 7250 SAS 1.0 R6.1

5620 SAM Release	Compatibility Statement (7250 SAS 1.0 R6.1)
5620 SAM 4.0 R1 and above	Network element not supported.
5620 SAM 3.0 R6 through R10	Network element supported as per 5620 SAM Release Description.

Table 296: 7250 SAS 1.0 R5

5620 SAM Release	Compatibility Statement (7250 SAS 1.0 R5)
5620 SAM 3.0 R6 and above	Network element not supported.
5620 SAM 3.0 R5	Network element supported as per 5620 SAM Release Description.

Table 297: 7250 SAS 1.0 R3 ⁴

5620 SAM Release	Compatibility Statement (7250 SAS 1.0 R3)
5620 SAM 3.0 R5 and above	Network element not supported.
5620 SAM 3.0 R3 through R4	Network element supported as per 5620 SAM Release Description.

⁴ The 7250 SAS Release 1.0 R3 load is not suitable for live deployments.

3.7 Alcatel-Lucent 7750 Mobile Gateway

Alcatel-Lucent 7750 Mobile Gateway Release 2.0

Table 298: 7750 MG 2.0 R8

5620 SAM Release	Compatibility Statement (7750 MG 2.0 R8)
5620 SAM 8.0 R5	Network element supported as per 5620 SAM Release Description.

Table 299: 7750 MG 2.0 R1 through R4

5620 SAM Release	Compatibility Statement (7750 MG 2.0 R1 through R4)
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description.

3.8 Alcatel-Lucent 9471 Mobility Management Entity

Alcatel-Lucent 9471 Mobility Management Entity Release 2.1

Table 300: 9471 MME LM 2.1 (R21.70.07.02)

5620 SAM Release	Compatibility Statement (9471 MME LM 2.1 (R21.70.07.02))
5620 SAM 8.0 R3 through R5	Network element supported as per 5620 SAM Release Description.

3.9 Alcatel-Lucent 5780 Dynamic Services Controller

Alcatel-Lucent 5780 Dynamic Services Controller Release 2.0

Table 301: 5780 DSC 2.0 R1

5620 SAM Release	Compatibility Statement (5780 DSC DSC 2.0 R1)
5620 SAM 8.0 R3 through R5	Network element supported as per 5620 SAM Release Description.

3.10 Alcatel-Lucent 9412 / 9926 eNodeB

Alcatel-Lucent 9412 / 9926 eNodeB Release LA2.0

Table 302: 9412 / 9926 eNodeB LA2.0.2 MIB Ed.02p05, MIM5.3.8

5620 SAM Release	Compatibility Statement (9412 / 9926 eNodeB LA2.0.2 MIB Ed.02p05, MIM5.3.8)
5620 SAM 8.0 R5	Network element supported as per 5620 SAM Release Description.

3.11 Telco T5 Compact

Telco T5 Compact Release 6.5.5

Table 303: Telco 6.5.5

5620 SAM Release	Compatibility Statement (Telco 6.5.5)
5620 SAM 8.0 R1 through R5	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 5.0 R5 through R11	Network element supported as per 5620 SAM Release Description.

Telco T5 Compact Release 6.5.2

Table 304: Telco 6.5.2

5620 SAM Release	Compatibility Statement (Telco 6.5.2)
5620 SAM 8.0 R1 through R5	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 5.0 R5 through R11	Network element supported as per 5620 SAM Release Description.

Telco T5 Compact Release 6.3.13

Table 305: Telco 6.3.13

5620 SAM Release	Compatibility Statement (Telco 6.3.13)
5620 SAM 8.0 R1 through R5	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 5.0 R1 through R11	Network element supported as per 5620 SAM Release Description.
5620 SAM 4.0 R1 through R12	Network element supported as per 5620 SAM Release Description.
5620 SAM 3.0 R7 through R10	Network element supported as per 5620 SAM Release Description.

Telco T5 Compact Release 6.3.12**Table 306:** Telco 6.3.12

5620 SAM Release	Compatibility Statement (Telco 6.3.12)
5620 SAM 8.0 R1 through R5	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 5.0 R1 through R11	Network element supported as per 5620 SAM Release Description.
5620 SAM 4.0 R1 through R12	Network element supported as per 5620 SAM Release Description.
5620 SAM 3.0 R7 through R10	Network element supported as per 5620 SAM Release Description.

Telco T5 Compact Release 6.3.11**Table 307:** Telco 6.3.11

5620 SAM Release	Compatibility Statement (Telco 6.3.11)
5620 SAM 3.0 R7 and above	Network element not supported.
5620 SAM 3.0 R4 through R6	Network element supported as per 5620 SAM Release Description.

Table 308: Telco 6.3.2

5620 SAM Release	Compatibility Statement (Telco 6.3.2)
5620 SAM 3.0 R4 and above	Network element not supported.
5620 SAM 3.0 R1 through R3	Network element supported as per 5620 SAM Release Description.

Telco T5 Compact Release 5.10.1**Table 309:** Telco 5.10.1

5620 SAM Release	Compatibility Statement (Telco 5.10.1)
5620 SAM 3.0 R1 and above	Network element not supported.
5620 SAM 2.1 R1 through R5	Network element supported as per 5620 SAM Release Description.

3.12 Alcatel-Lucent OmniSwitch

Alcatel-Lucent OmniSwitch Series 6.6.2

Table 310: OmniSwitch 6250 Series 6.6.2.249 R01 [6250]

5620 SAM Release	Compatibility Statement (OmniSwitch Series 6.6.2.249 R01 [6250])
5620 SAM 8.0 R5	Network element supported with the following limitations: (Feature Enhancement) FPGA Upgrade. 5620 SAM does not support FPGA Upgrade for 6.6.2 nodes.
5620 SAM 8.0 R3 through R4	Network element supported with the following limitations: (Feature Enhancement) OAM. 5620 SAM does not support OAM for 6.6.2 nodes. (Feature Enhancement) FPGA Upgrade. 5620 SAM does not support FPGA Upgrade for 6.6.2 nodes. (PTS 584852) Deployment Failure with QoS Condition 802.1p Layer 2. QoS Condition with 802.1p Layer 2 filtering criteria enabled results in a deployment failure. Work-around: create the entry via the router and resync into 5620 SAM.

Alcatel-Lucent OmniSwitch Series 6.6.1**Table 311:** OmniSwitch 6250 Series 6.6.1.728 R01 [6250]

5620 SAM Release	Compatibility Statement (OmniSwitch Series 6.6.1.728 R01 [6250])
5620 SAM 8.0 R1 through R5	Network element supported as per 5620 SAM Release Description.

Alcatel-Lucent OmniSwitch Series 6.4.3**Table 312:** OmniSwitch Series 6.4.3.640 R01 [6850 / 6400 / 6855 / 9600 / 9700 / 9800 / 9700E / 9800E]

5620 SAM Release	Compatibility Statement (OmniSwitch Series 6.4.3.640 R01 [6850 / 6400 / 6855 / 9600 / 9700 / 9800 / 9700E / 9800E])
5620 SAM 8.0 R5	Network elements supported as per 5620 SAM Release Description.

Alcatel-Lucent OmniSwitch Series 6.4.2**Table 313:** OmniSwitch Series 6.4.2.954 R01 [6850 / 6400 / 6855 / 9600 / 9700 / 9800 / 9700E / 9800E]

5620 SAM Release	Compatibility Statement (OmniSwitch Series 6.4.2.954 R01 [6850 / 6400 / 6855 / 9600 / 9700 / 9800 / 9700E / 9800E])
5620 SAM 8.0 R3 through R5	Network elements supported as per 5620 SAM Release Description.
5620 SAM 8.0 R1 through R2	Only 9700E and 9800E Omniswitch Series 6.4.2 are supported as per 5620 SAM Release Description.

Alcatel-Lucent OmniSwitch Series 6.3.4

Table 314: OmniSwitch Series 6.3.4.601 R01 [6850 / 6400 / 6855 / 9600 / 9700 / 9800]

5620 SAM Release	Compatibility Statement (OmniSwitch Series 6.3.4.601 R01 [6850 / 6400 / 6855 / 9600 / 9700 / 9800])
5620 SAM 8.0 R1 through R5	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R5 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R4	Network element supported with the following limitations: (Feature Enhancement) Link Aggregation Groups . 5620 SAM does not support Link Aggregation Groups (LAGs).

Table 315: OmniSwitch Series 6.3.4 R01 [6850 / 6400 / 6855 / 9600 / 9700 / 9800]

5620 SAM Release	Compatibility Statement (OmniSwitch Series 6.3.4 R01 [6850 / 6400 / 6855 / 9600 / 9700 / 9800])
5620 SAM 8.0 R1 through R5	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R5 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R4	Network element supported with the following limitations: (Feature Enhancement) Link Aggregation Groups . 5620 SAM does not support Link Aggregation Groups (LAGs).

Alcatel-Lucent OmniSwitch Series 6.3.3

Table 316: OmniSwitch Series 6.3.3.305 R01 [6400]

5620 SAM Release	Compatibility Statement (OmniSwitch Series 6.3.3.305 R01 [6400])
5620 SAM 8.0 R5 and above	Network element not supported.
5620 SAM 8.0 R1 through R4	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R8	Network element supported with the following limitations: (Feature Enhancement) Link Aggregation Groups. 5620 SAM does not support Link Aggregation Groups (LAGs).
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description.

Table 317: OmniSwitch Series 6.3.3 R01 [6400]

5620 SAM Release	Compatibility Statement (OmniSwitch Series 6.3.3 R01 [6400])
5620 SAM 8.0 R3 and above	Network element not supported.
5620 SAM 8.0 R1 through R2	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description.

Alcatel-Lucent OmniSwitch Series 6.3.2**Table 318:** OmniSwitch Series 6.3.2 R01 [6855]

5620 SAM Release	Compatibility Statement (OmniSwitch Series 6.3.2 R01 [6855])
5620 SAM 8.0 R5 and above	Network element not supported.
5620 SAM 8.0 R1 through R4	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R8	Network element supported with the following limitations: (Feature Enhancement) Link Aggregation Groups. 5620 SAM does not support Link Aggregation Groups (LAGs).
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description.

Alcatel-Lucent OmniSwitch Series 6.3.1

Table 319: OmniSwitch Series 6.3.1.1176 R01 [6850]

5620 SAM Release	Compatibility Statement (OmniSwitch Series 6.3.1.1176 R01 [6850])
5620 SAM 8.0 R5 and above	Network element not supported.
5620 SAM 8.0 R1 through R4	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R3 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R2	Network element supported with the following limitations: (Feature Enhancement) Link Aggregation Groups. 5620 SAM does not support Link Aggregation Groups (LAGs).
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description.

Table 320: OmniSwitch Series 6.3.1.1176 R01 [9600 / 9700 / 9800]

5620 SAM Release	Compatibility Statement (OmniSwitch Series 6.3.1.1176 R01 [9600 / 9700 / 9800])
5620 SAM 8.0 R5 and above	Network element not supported.
5620 SAM 8.0 R1 through R4	Network elements supported as per 5620 SAM Release Description.
5620 SAM 7.0 R3 through R8	Network elements supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R2	Network elements supported with the following limitations: (Feature Enhancement) Link Aggregation Groups. 5620 SAM does not support Link Aggregation Groups (LAGs).

Table 321: OmniSwitch Series 6.3.1.1085 R01 [6850]

5620 SAM Release	Compatibility Statement (OmniSwitch Series 6.3.1.1085 R01 [6850])
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description.

Table 322: OmniSwitch Series 6.3.1 R01 [6850]

5620 SAM Release	Compatibility Statement (OmniSwitch Series 6.3.1 R01 [6850])
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description.

Table 323: OmniSwitch Series 6.3.1 R01 [9600 / 9700 / 9800]

5620 SAM Release	Compatibility Statement (OmniSwitch Series 6.3.1 R01 [9600 / 9700 / 9800])
5620 SAM 8.0 R3 and above	Network element not supported.
5620 SAM 8.0 R1 through R2	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description.

3.13 Alcatel-Lucent 9500 Microwave Packet Radio

Alcatel-Lucent 9500 Microwave Packet Radio Release 2.2

Table 324: 9500 MPR ANSI 2.2.0

5620 SAM Release	Compatibility Statement (9500 MPR ANSI 2.2.0)
5620 SAM 8.0 R5	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R3 through R4	Network element supported with the following limitations: (Feature Limitation) Service Discovery . Discovery of services will discover only one service at a time if Management IP address and System IP address are different.

Alcatel-Lucent 9500 Microwave Packet Radio Release 2.1**Table 325:** 9500 MPR ETSI 2.1

5620 SAM Release	Compatibility Statement (9500 MPR ETSI 2.1)
5620 SAM 8.0 R5	Network element supported as per 5620 SAM Release Description.

Table 326: 9500 MPR ANSI 2.1

5620 SAM Release	Compatibility Statement (9500 MPR ANSI 2.1)
5620 SAM 8.0 R5	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R3 through R4	Network element supported with the following limitations: (Feature Limitation) Service Discovery . Discovery of services will discover only one service at a time if Management IP address and System IP address are different.

Alcatel-Lucent 9500 Microwave Packet Radio Release 2.0

Table 327: 9500 MPR ANSI 2.0.1

5620 SAM Release	Compatibility Statement (9500 MPR ANSI 2.0.1)
5620 SAM 8.0 R5	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R1 through R4	Network element supported with the following limitations: (Feature Limitation) Service Discovery . Discovery of services will discover only one service at a time if Management IP address and System IP address are different.

Table 328: 9500 MPR ANSI 2.0

5620 SAM Release	Compatibility Statement (9500 MPR ANSI 2.0)
5620 SAM 8.0 R5	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R1 through R4	Network element supported with the following limitations: (Feature Limitation) Service Discovery . Discovery of services will discover only one service at a time if Management IP address and System IP address are different.
5620 SAM 7.0 R5 through R8	Network element supported with the following limitations: (Feature Limitation) Service Discovery . Discovery of services will discover only one service at a time if Management IP address and System IP address are different.

Alcatel-Lucent 9500 Microwave Packet Radio Release 1.4**Table 329:** 9500 MPR ETSI 1.4

5620 SAM Release	Compatibility Statement (9500 MPR ETSI 1.4)
5620 SAM 8.0 R5	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R3 through R4	Network element supported with the following limitations: (Feature Limitation) Service Discovery . Discovery of services will discover only one service at a time if Management IP address and System IP address are different.

Alcatel-Lucent 9500 Microwave Packet Radio Release 1.3**Table 330:** 9500 MPR ETSI 1.3.0 and 1.3.1

5620 SAM Release	Compatibility Statement (9500 MPR ETSI 1.3.0 and 1.3.1)
5620 SAM 8.0 R5	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R1 through R4	Network element supported with the following limitations: (Feature Limitation) Service Discovery . Discovery of services will discover only one service at a time if Management IP address and System IP address are different.

Alcatel-Lucent 9500 Microwave Packet Radio Release 1.2

Table 331: 9500 MPR ETSI 1.2.1 and 1.2.2

5620 SAM Release	Compatibility Statement (9500 MPR ETSI 1.2.1 and 1.2.2)
5620 SAM 8.0 R3 and above	Network element not supported.
5620 SAM 8.0 R1 through R2	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R5 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R3 through R4	<p>Network element supported as per 5620 SAM Release Description with the following limitations:</p> <p>(Feature Enhancement) Admission Control. 5620 SAM does not support Admission Control.</p> <p>(Feature Enhancement) TDM Statistics. 5620 SAM does not support TDM Statistics.</p>

Table 332: 9500 MPR ANSI 1.2

5620 SAM Release	Compatibility Statement (9500 MPR ANSI 1.2)
5620 SAM 8.0 R5	Network element supported as per 5620 SAM Release Description.

Table 333: 9500 MPR ETSI 1.2.0

5620 SAM Release	Compatibility Statement (9500 MPR ETSI 1.2.0)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R3 through R8	Network element supported as per 5620 SAM Release Description.

4 Document release history

The following table lists the 5620 *SAM Network Element Compatibility Guide* release history.

Document version	Issue date	Description of changes
1.0	February 8, 2006	Initial issue
1.1	February 22, 2006	General - Added document history table General - Document updated for 5620 SAM 3.0 R5 Section 2.2.2 - Created new table to describe compatibility issues with 7450 ESS 2.0 R10
1.2	March 2, 2006	Section 2.1.1 - Created new table to describe compatibility issues with 7750 SR 3.0 R7 Section 2.2.1 - Updated table to include 7450 ESS 3.0 R7
1.3	April 6, 2006	General - Document updated for 5620 SAM 3.0 R6 General - Document updated for 7750 SR 3.0 R8 and 7450 ESS 3.0 R8 Section 2.1.2 - Updated table to include 7750 SR 2.1 R13 and 7750 SR 2.1 R14 Section 2.3.1 - New table to indicate compatibility with 7250 SAS 1.0 R6.1.
1.4	May 10, 2006	General - Document updated for 5620 SAM 3.0 R7 General - Document updated for 7750 SR 3.0 R9 and 7450 ESS 3.0 R9 Section 2.1.2 - Updated table to include 7750 SR 2.1 R15 Section 2.4.1 - Created new table to describe compatibility issues with Telco 6.3.12
1.5	June 28, 2006	General - Document updated to new template format General - Document updated for 5620 SAM 4.0 R1 General - Document updated for 7750 SR 4.0 R1/R2 and 7450 ESS 4.0 R1/R2 General - Document updated for 7710 SR 3.0 R1 through R3 General - Document updated for 7750 SR 3.0 R11 and 7450 ESS 3.0 R11 General - Document updated for 7750 SR 3.0 R10 and 7450 ESS 3.0 R10 General - Document updated for 7750 SR 2.1 R16 General - Document updated for 7250 1.0 R7

Document version	Issue date	Description of changes
1.6	July 6, 2006	General - Document updated for 7750 SR 4.0 R3 and 7450 ESS 4.0 R3
1.7	July 19, 2006	General - Document updated for 5620 SAM 3.0 R8 General - Document updated for Telco 6.3.13
1.8	July 26, 2006	General - Document updated for 5620 SAM 4.0 R2
1.9	August 3, 2006	General - Document updated for 7750 SR 4.0 R4 and 7450 ESS 4.0 R4 General - Document updated for 7750 SR 3.0 R12 and 7450 ESS 3.0 R12
1.10	August 9, 2006	General - Document updated for 7710 SR 3.0 R5
1.11	August 25, 2006	General - Document updated for 7750 SR 3.0 R13 and 7450 ESS 3.0 R13 General - Document updated for 7750 SR 2.1 R17 General - Document updated for 7710 SR 3.0 R6
	August 30, 2006	General - Document updated for 7750 SR 4.0 R5 and 7450 ESS 4.0 R5 General - Document updated for 5620 SAM 4.0 R3
1.12	September 19, 2006	General - Document updated for 5620 SAM 3.0.R9
1.13	September 27, 2006	General - Document updated for 5620 SAM 4.0 R4 General - Document updated for 7750 SR 3.0 R14 and 7450 ESS 3.0 R14 General - Document updated for 7750 SR 4.0 R6 and 7450 ESS 4.0 R6 General - Document updated for 7710 SR 3.0 R7
1.14	October 25, 2006	General - Document updated for 5620 SAM 4.0.R5
1.15	November 6, 2006	General - Document updated for 7750 SR 3.0 R15 and 7450 ESS 3.0 R15 General - Document updated for 7750 SR 4.0 R7 and 7450 ESS 4.0 R7 General - Document updated for 7710 SR 3.0 R8 General - Document updated for 7750 SR 2.1 R18

Document version	Issue date	Description of changes
1.16	December 1, 2006	General - Document updated for 5620 SAM 3.0 R10 General - Document updated for 5620 SAM 4.0 R6 General - Document updated for 7750 SR 3.0 R16 and 7450 ESS 3.0 R16 General - Document updated for 7710 SR 3.0 R9 General - Document updated for 7250 SAS 2.0 R1
1.17	December 7, 2006	General - Document updated for 7750 SR 4.0 R8 and 7450 ESS 4.0 R8
1.18	December 15, 2006	General - Document updated for 7750 SR 4.0 R9 and 7450 ESS 4.0 R9
1.19	January 25, 2007	General - Document updated for 5620 SAM 4.0 R7 General - Document updated for 7710 SR 3.0 R10
1.20	February 13, 2007	General - Document updated for 7750 SR 3.0 R17 and 7450 ESS 3.0 R17 General - Document updated for 7750 SR 4.0 R10 and 7450 ESS 4.0 R10
1.21	February 27, 2007	General - Document updated for 5620 SAM 4.0 R8 General - Document updated for 7710 SR 3.0 R11 General - Document updated for 7750 SR 4.0 R11 and 7450 ESS 4.0 R11
1.22	March 14, 2007	General - Document updated for 5620 SAM 4.0 R9 General - Document updated to reflect correct versions of 7250 support
1.23	April 18, 2007	General - Document updated for 5620 SAM 5.0 R1 General - Document updated for 7750 SR 5.0 R2 and 7450 ESS 5.0 R2 General - Document updated for 7750 SR 5.0 R1 and 7450 ESS 5.0 R1 General - Document updated for 7750 SR 4.0 R12 and 7450 ESS 4.0 R12 General - Document updated for 7750 SR 3.0 R18 and 7450 ESS 3.0 R18 General - Document updated for 7250 SAS 1.0 R8

Document version	Issue date	Description of changes
1.24	May 22, 2007	General - Document updated for 5620 SAM 5.0 R2 General - Document updated for 7750 SR 5.0 R3 and 7450 ESS 5.0 R3 General - Document updated for 7710 SR 5.0 R3 General - Document updated for 7750 SR 4.0 R13 and 7450 ESS 4.0 R13 General - Document updated for 7710 SR 3.0 R12 General - Document updated for 7250 SAS 2.0 R5
1.25	May 30, 2007	General - Document updated for 5620 SAM 4.0 R10
1.26	June 27, 2007	General - Document updated for 5620 SAM 5.0 R3 General - Document updated for 5620 SAM 4.0 R11 General - Document updated for 7750 SR 5.0 R4 and 7450 ESS 5.0 R4 General - Document updated for 7750 SR 4.0 R14 and 7450 ESS 4.0 R14 General - Document updated for 7750 SR 3.0 R19 and 7450 ESS 3.0 R19 General - Document updated for 7710 SR 5.0 R4 General - Document updated for 7250 SAS 2.0 R5.1
1.27	July 9, 2007	General - Document updated for 7750 SR 5.0 R5 and 7450 ESS 5.0 R5 General - Document updated for 7710 SR 5.0 R5
1.28	July 20, 2007	General - Document updated for 5620 SAM 5.0 R4 General - Document updated for 7710 SR 3.0 R13
1.29	August 17, 2007	General - Document updated for 5620 SAM 5.0 R5 General - Document updated for 7750 SR 5.0 R6 and 7450 ESS 5.0 R6 General - Document updated for 7710 SR 5.0 R6 General - Document updated for 7710 SR 3.0 R14 General - Document updated for 7250 SAS 2.0 R5.2 General - Document updated for Telco 6.5.2

Document version	Issue date	Description of changes
1.30	September 6, 2007	General - Document updated for 7750 SR 5.0 R7 and 7450 ESS 5.0 R7 General - Document updated for 7710 SR 5.0 R7 General - Document updated for 7750 SR 4.0 R15 and 7450 ESS 4.0 R15
1.31	September 10, 2007	General - Document updated for 5620 SAM 5.0 R6 General - Document updated for 7750 SR 5.0 R8 and 7450 ESS 5.0 R8 General - Document updated for 7710 SR 5.0 R8 General - Document updated for 7750 SR 4.0 R16 and 7450 ESS 4.0 R16
1.32	October 18, 2007	General - Document updated for 5620 SAM 5.0 R7 General - Document updated for 7750 SR 3.0 R20 and 7450 ESS 3.0 R20
1.33	November 5, 2007	General - Document updated for 7750 SR 5.0 R9 and 7450 ESS 5.0 R9 General - Document updated for 7710 SR 5.0 R9 General - Document updated for 7750 SR 4.0 R17 and 7450 ESS 4.0 R17 General - Document updated for 7710 SR 3.0 R15
1.34	November 22, 2007	General - Document updated for 5620 SAM 5.0 R8
1.35	December 14, 2007	General - Document updated for 7750 SR 5.0 R10 and 7450 ESS 5.0 R10 General - Document updated for 7710 SR 5.0 R10 General - Document updated for 7750 SR 4.0 R18 and 7450 ESS 4.0 R18
1.36	December 20, 2007	General - Document updated for 5620 SAM 4.0 R12 General - Document updated for 7250 SAS 2.0 R7.1 General - Document updated for Telco 6.5.5
1.37	February 1, 2008	General - Document updated for 5620 SAM 5.0 R9
1.38	February 13, 2008	General - Document updated for 7750 SR 5.0 R11 and 7450 ESS 5.0 R11 General - Document updated for 7710 SR 5.0 R11 Correction - Update made for OAM tests ranges for 7xx0 5.0 routers

Document version	Issue date	Description of changes
1.39	February 25, 2008	<p>General - Document updated for 7750 SR 5.0 R12 and 7450 ESS 5.0 R12</p> <p>General - Document updated for 7710 SR 5.0 R12</p> <p>General - Document updated for 7750 SR 4.0 R19 and 7450 ESS 4.0 R19</p> <p>General - Document updated for 7250 SAS 2.0 R8</p> <p>General - Document updated for 7250 SAS 2.0 R8.1</p> <p>Correction - Update made for OAM tests ranges for 7x50 4.0 routers</p>
1.40	March 24, 2008	<p>General - Document updated for 7750 SR 5.0 R13 and 7450 ESS 5.0 R13</p> <p>General - Document updated for 7710 SR 5.0 R13</p>
1.41	April 14, 2008	General - Document updated for 5620 SAM 5.0 R10
1.42	April 25, 2008	<p>General - Document updated for 5620 SAM 6.0 R1</p> <p>General - Document updated for 7750 SR 6.0 R2 and 7450 ESS 6.0 R2</p> <p>General - Document updated for 7710 SR 6.0 R2</p> <p>General - Document updated for 7750 SR 6.0 R1 and 7450 ESS 6.0 R1</p> <p>General - Document updated for 7710 SR 6.0 R1</p> <p>General - Document updated for 7750 SR 5.0 R14 and 7450 ESS 5.0 R14</p> <p>General - Document updated for 7710 SR 5.0 R14</p> <p>General - Document updated for 7250 SAS 3.0 R3 (Pending official release)</p> <p>General - Document updated for OmniSwitch 6850 Series 6.3.1 R01</p>
1.43	May 5, 2008	<p>General - Document updated for 7750 SR 6.0 R3 and 7450 ESS 6.0 R3</p> <p>General - Document updated for 7710 SR 6.0 R3</p> <p>General - Document updated for 7250 SAS 3.0 R3 (official release)</p>
1.44	May 9, 2008	General - Document updated for 7250 SAS 3.0 R3.1
1.45	May 20, 2008	<p>General - Document updated for 5620 SAM 6.0 R2</p> <p>General - Document updated for 7705 SAR 1.0 R1</p>

Document version	Issue date	Description of changes
1.46	May 29, 2008	General - Document updated for 7750 SR 6.0 R4 and 7450 ESS 6.0 R4 General - Document updated for 7710 SR 6.0 R4 General - Document updated for 7750 SR 5.0 R15 and 7450 ESS 5.0 R15 General - Document updated for 7710 SR 5.0 R15
1.47	June 12, 2008	General - Document updated for 7250 SAS 2.0 R9
1.48	June 28, 2008	General - Document updated for 5620 SAM 6.0 R3 General - Document updated for 7750 SR 5.0 R16 and 7450 ESS 5.0 R16 General - Document updated for 7710 SR 5.0 R16 General - Document updated for 7705 SAR 1.0 R2
1.49	July 9, 2008	General - Document updated for 5620 SAM 5.0 R11
1.50	July 29, 2008	General - Document updated for 5620 SAM 6.0 R4 General - Document updated for 7750 SR 6.0 R5 and 7450 ESS 6.0 R5 General - Document updated for 7710 SR 6.0 R5 General - Document updated for 7750 SR 6.0 R6 and 7450 ESS 6.0 R6 General - Document updated for 7710 SR 6.0 R6 General - Document updated for 7750 SR 4.0 R20 and 7450 ESS 4.0 R20
1.51	August 27, 2009	General - Document updated for 5620 SAM 6.0 R5 General - Document updated for 7750 SR 6.0 R7 and 7450 ESS 6.0 R7 General - Document updated for 7710 SR 6.0 R7 General - Document updated for 7750 SR 5.0 R18 and 7450 ESS 5.0 R18 General - Document updated for 7710 SR 5.0 R18 General - Document updated for 7750 SR 5.0 R17 and 7450 ESS 5.0 R17 General - Document updated for 7710 SR 5.0 R17 General - Document updated for 7705 SAR 1.0 R4 General - Document updated for 7705 SAR 1.0 R3

Document version	Issue date	Description of changes
1.52	September 24, 2008	<p>General - Document updated for 5620 SAM 6.1 R1</p> <p>General - Document updated for 7750 SR 6.1 R2 and 7450 ESS 6.1 R2</p> <p>General - Document updated for 7710 SR 6.1 R2</p> <p>General - Document updated for 7750 SR 6.1 R1 and 7450 ESS 6.1 R1</p> <p>General - Document updated for 7710 SR 6.1 R1</p> <p>General - Document updated for 7750 SR 6.0 R8 and 7450 ESS 6.0 R8</p> <p>General - Document updated for 7710 SR 6.0 R8</p> <p>General - Document updated for 7750 SR 5.0 R19 and 7450 ESS 5.0 R19</p> <p>General - Document updated for 7710 SR 5.0 R19</p> <p>General - Document updated for 7705 SAR 1.0 R5</p> <p>General - Document updated for OmniSwitch 6855 Series 6.3.2 R01</p> <p>General - Document updated for OmniSwitch 6400 Series 6.3.3 R01</p>
1.53	October 1, 2008	<p>General - Document updated for 7750 SR 6.1 R3 and 7450 ESS 6.1 R3</p> <p>General - Document updated for 7710 SR 6.1 R3</p>
1.54	October 23, 2008	<p>General - Document updated for 5620 SAM 6.0 R6</p> <p>General - Document updated for 7750 SR 5.0 R20 and 7450 ESS 5.0 R20</p> <p>General - Document updated for 7710 SR 5.0 R20</p> <p>General - Document updated for 7705 SAR 1.0 R6</p> <p>General - Document updated for 7250 SAS 3.0 R4.1</p>
1.55	November 5, 2008	<p>General - Document updated for 5620 SAM 6.1 R2</p> <p>General - Document updated for 7750 SR 6.0 R9 and 7450 ESS 6.0 R9</p> <p>General - Document updated for 7710 SR 6.0 R9</p> <p>General - Document updated for 7750 SR 6.1 R4 and 7450 ESS 6.1 R4</p> <p>General - Document updated for 7710 SR 6.1 R4</p>
1.56	November 6, 2008	Correction - Document corrected for IOM Soft Reset support

Document version	Issue date	Description of changes
1.57	November 23, 2008	General - Document updated for 5620 SAM 6.1 R3 General - Document updated for 7705 SAR 1.1 R1
1.58	December 4, 2008	General - Document updated for 5620 SAM 6.0 R7 General - Document updated for 7750 SR 5.0 R21 and 7450 ESS 5.0 R21 General - Document updated for 7710 SR 5.0 R21 Correction - Document correction/update for 7450 ESS 6.0 R9
1.59	December 19, 2008	General - Document updated for 7750 SR / 7450 ESS / 7710 SR 6.1 R5 General - Document updated for 7750 SR / 7450 ESS / 7710 SR 6.0 R10 General - Document updated for 7705 SAR 1.0 R7 General - Document updated for 7250 SAS 3.0 R5
1.60	December 22, 2008	General - Document updated for 7750 SR / 7450 ESS / 7710 SR 5.0 R22
1.61	January 29, 2009	General - Document updated for 5620 SAM 6.1 R4 General - Document updated for 7750 SR / 7450 ESS / 7710 SR 6.1 R6 General - Document updated for 7750 SR / 7450 ESS 4.0 R21 General - Document updated for 7705 SAR 1.1 R2 General - Document updated for 7250 SAS 2.0 R11
1.62	March 9, 2009	General - Document updated for 5620 SAM 6.0 R8 General - Document updated for 7750 SR / 7450 ESS / 7710 SR 6.0 R11 General - Document updated for 7250 SAS 3.0 R6
1.63	March 20, 2009	General - Document updated for 5620 SAM 6.1 R5 General - Document updated for 7705 SAR 1.1 R3
1.64	April 16, 2009	General - Document updated for 7750 SR / 7450 ESS / 7710 SR 6.1 R7 General - Document updated for 7750 SR / 7450 ESS / 7710 SR 6.1 R8 General - Document updated for 7250 SAS 2.0 R12

Document version	Issue date	Description of changes
1.65	April 22, 2009	<p>General - Document updated for 5620 SAM 7.0 R1</p> <p>General - Document updated for 7750 SR / 7450 ESS / 7710 SR 7.0 R2</p> <p>General - Document updated for 7750 SR / 7450 ESS / 7710 SR 7.0 R1</p> <p>General - Document updated for 7705 SAR 2.0 R2</p> <p>General - Document updated for 7705 SAR 2.0 R1</p> <p>General - Document updated for 7210 SAS-E 1.0 R3</p> <p>General - Document updated for 7250 SAS 2.0 R13</p> <p>General - Document updated for OmniSwitch 9600 Series 6.3.1 R01</p> <p>General - Document updated for OmniSwitch 9700 Series 6.3.1 R01</p> <p>General - Document updated for OmniSwitch 9800 Series 6.3.1 R01</p>
1.66	May 1, 2009	<p>General - Document updated for 7750 SR / 7450 ESS / 7710 SR 6.0 R12</p> <p>General - Document updated for 7750 SR / 7450 ESS / 7710 SR 5.0 R23</p>
1.67	May 6, 2009	<p>General - Document updated for OmniSwitch 6850 Series 6.3.1.1085 R01</p> <p>General - Document updated for OmniSwitch 6400 Series 6.3.3.305 R01</p>
1.68	May 8, 2009	General - Document updated for 5620 SAM 6.1 R6
1.69	May 22, 2009	<p>General - Document updated for 5620 SAM 7.0 R2</p> <p>General - Document updated for 7750 SR / 7450 ESS / 7710 SR 6.1 R9</p> <p>General - Document updated for 7705 SAR 2.0 R3</p>
1.70	June 4, 2009	<p>General - Document updated for 7750 SR / 7450 ESS / 7710 SR 7.0 R3</p> <p>General - Document updated for 7210 SAS-E 1.0 R4</p> <p>General - Document updated for 7250 SAS 3.0 R7</p>
1.71	June 24, 2009	<p>General - Document updated for 5620 SAM 7.0 R3</p> <p>General - Document updated for 9500 MPR 1.2.0</p>

Document version	Issue date	Description of changes
1.72	July 23, 2009	<p>General - Document updated for 5620 SAM 6.1 R7</p> <p>General - Document updated for 7750 SR / 7450 ESS / 7710 SR 6.0 R13</p> <p>General - Document updated for 7705 SAR 2.0 R4</p> <p>General - Document updated for 7705 SAR 1.1 R4</p> <p>General - Document updated for OmniSwitch 6850 Series 6.3.1.1116 R01</p> <p>General - Document updated for OmniSwitch 9600 Series 6.3.1.1116 R01</p> <p>General - Document updated for OmniSwitch 9700 Series 6.3.1.1116 R01</p> <p>General - Document updated for OmniSwitch 9800 Series 6.3.1.1116 R01</p>
1.73	September 16, 2009	<p>General - Document updated for 5620 SAM 7.0 R4</p> <p>General - Document updated for 7750 SR / 7450 ESS / 7710 SR 7.0 R4</p> <p>General - Document updated for 7750 SR / 7450 ESS / 7710 SR 6.1 R10</p> <p>General - Document updated for 7750 SR / 7450 ESS / 7710 SR 6.0 R14</p> <p>General - Document updated for 7750 SR / 7450 ESS / 7710 SR 5.0 R24</p> <p>General - Document updated for 7210 SAS-E 1.0 R5</p> <p>General - Document updated for OmniSwitch 6400 Series 6.3.4 R01</p> <p>General - Document updated for OmniSwitch 6850 Series 6.3.4 R01</p> <p>General - Document updated for OmniSwitch 6855 Series 6.3.4 R01</p> <p>General - Document updated for OmniSwitch 9600 Series 6.3.4 R01</p> <p>General - Document updated for OmniSwitch 9700 Series 6.3.4 R01</p> <p>General - Document updated for OmniSwitch 9800 Series 6.3.4 R01</p> <p>General - Document updated for 7250 SAS 3.0 R8</p>
1.74	September 29, 2009	General - Document updated for 7750 SR / 7450 ESS / 7710 SR 6.1 R11
1.75	October 8, 2009	General - Document updated for 7750 SR / 7450 ESS / 7710 SR 7.0 R5

Document version	Issue date	Description of changes
1.76	October 16, 2009	<p>General - Document updated for 5620 SAM 7.0 R5</p> <p>General - Document updated for 7705 SAR 2.1 R2</p> <p>General - Document updated for 7705 SAR 2.1 R1</p> <p>General - Document updated for 7705 SAR 2.0 R5</p> <p>General - Document updated for 7210 SAS-E 1.1 R3</p> <p>General - Document updated for 7210 SAS-M 1.1 R3</p> <p>General - Document updated for OmniSwitch 6400 Series 6.3.4.483 R01</p> <p>General - Document updated for OmniSwitch 6850 Series 6.3.4.483 R01</p> <p>General - Document updated for OmniSwitch 6855 Series 6.3.4.483 R01</p> <p>General - Document updated for OmniSwitch 9600 Series 6.3.4.483 R01</p> <p>General - Document updated for OmniSwitch 9700 Series 6.3.4.483 R01</p> <p>General - Document updated for OmniSwitch 9800 Series 6.3.4.483 R01</p> <p>General - Document updated for 9500 MPR ANSI 2.0.0</p> <p>General - Document updated for 9500 MPR ETSI 1.2.2</p> <p>General - Document updated for 9500 MPR ETSI 1.2.1</p>
1.77	November 9, 2009	<p>General - Document updated for 7750 SR / 7450 ESS / 7710 SR 6.0 R15</p> <p>General - Document updated for 7750 SR / 7450 ESS / 7710 SR 5.0 R25</p>
1.78	November 20, 2009	<p>General - Document updated for 5620 SAM 6.1 R8</p> <p>General - Document updated for 7750 SR / 7450 ESS / 7710 SR 6.1 R12</p>
1.79	December 12, 2009	<p>General - Document updated for 5620 SAM 7.0 R6</p> <p>General - Document updated for 7750 SR / 7450 ESS / 7710 SR 7.0 R6</p> <p>General - Document updated for 7210 SAS-E 1.1 R4</p> <p>General - Document updated for 7210 SAS-M 1.1 R4</p>

Document version	Issue date	Description of changes
1.80	December 29, 2009	<p>General - Document updated for 7750 SR / 7450 ESS / 7710 SR 6.1 R13</p> <p>General - Document updated for 7750 SR / 7450 ESS / 7710 SR 6.0 R16</p> <p>General - Document updated for 7705 SAR 2.1 R3</p> <p>General - Document updated for 7210 SAS-E 1.1 R5</p> <p>General - Document updated for 7210 SAS-M 1.1 R5</p>
1.81	February 3, 2010	<p>General - Document updated for 7750 SR / 7450 ESS / 7710 SR 7.0 R7</p> <p>General - Document updated for 7250 SAS 2.0 R10</p>
1.82	March 22, 2010	<p>General - Document updated for 7750 SR / 7450 ESS / 7710 SR 7.0 R8</p> <p>General - Document updated for 7750 SR / 7450 ESS / 7710 SR 6.1 R14</p> <p>General - Document updated for 7210 SAS-E 1.1 R6</p> <p>General - Document updated for 7210 SAS-M 1.1 R6</p> <p>General - Document updated for 7210 SAS-E 1.0 R6</p>

Document version	Issue date	Description of changes
1.83	April 21, 2010	<p>General - Document updated for 5620 SAM 8.0 R1</p> <p>General - Document updated for 7750 SR / 7450 ESS / 7710 SR 8.0 R2</p> <p>General - Document updated for 7750 SR / 7450 ESS / 7710 SR 8.0 R1</p> <p>General - Document updated for 7750 SR / 7450 ESS / 7710 SR 7.0 R9</p> <p>General - Document updated for 7705 SAR 3.0 R1</p> <p>General - Document updated for 7210 SAS-M 24F2XFP 1.1 R6</p> <p>General - Document updated for 7250 SAS 3.0 R9</p> <p>General - Document updated for OmniSwitch 6850 / 6400 / 6855 Series 6.3.4.570 R01</p> <p>General - Document updated for OmniSwitch 9600 / 9700 / 9800 Series 6.3.4.570 R01</p> <p>General - Document updated for OmniSwitch 9700E / 9800E Series 6.4.2.933 R01</p> <p>General - Document updated for OmniSwitch 6250 Series 6.6.1.699 R01</p> <p>General - Document updated for 9500 MPR ANSI 2.0.1</p> <p>General - Document updated for 9500 MPR ETSI 1.3</p> <p>General - Updated OLCS URL for obtaining NE Compatibility Guide updates</p>
1.84	May 14, 2010	<p>General - Document updated for 5620 SAM 7.0 R7</p> <p>General - Document updated for 7750 SR / 7450 ESS / 7710 SR 6.1 R15</p> <p>General - Document updated for 7750 SR / 7450 ESS / 7710 SR 6.0 R17</p> <p>General - Document updated for 9500 MPR ETSI 1.3.1</p> <p>General - Document updated for 7705 SAR 2.1 R4</p> <p>General - Document updated for 7210 SAS-E 1.1 R7</p> <p>General - Document updated for 7210 SAS-M 1.1 R7</p> <p>General - Document updated for 7210 SAS-M 24F2XFP 1.1 R7</p>
1.85	June 1, 2010	<p>General - Document updated for 5620 SAM 8.0 R2</p>

Document version	Issue date	Description of changes
1.86	June 29, 2010	General - Document updated for 5620 SAM 8.0 R3
		General - Document updated for 7750 SR / 7450 ESS / 7710 SR 8.0 R3
		General - Document updated for 7750 SR / 7450 ESS / 7710 SR 7.0 R11
		General - Document updated for 7750 SR / 7450 ESS / 7710 SR 7.0 R10
		General - Document updated for 7705 SAR 3.0 R2
		General - Document updated for 7210 SAS-E / SAS-M 2.0 R1
		General - Document updated for 7210 SAS-M 24F2XFP 2.0 R1
		General - Document updated for 7210 SAS-M 24F2XFP ETR 2.0 R1
		General - Document updated for 7750 MG 2.0 R1 (Tentative)
		General - Document updated for 9471 MME LM 2.1 (R21.70.07.02)
		General - Document updated for 5780 DSC 2.0 R1 (Tentative)
		General - Document updated for 9500 MPR ANSI 2.1
		General - Document updated for 9500 MPR ETSI 1.4
		General - Document updated for 7210 SAS-E / SAS-M 1.1 R8
		General - Document updated for 7210 SAS-M 24F2XFP 1.1 R8
1.87	June 30, 2010	General - Document updated for OmniSwitch Series 6.6.1.728 R01 [6250]
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		General - Document updated for OmniSwitch Series 6.3.1.1176 R01 [6850 / 9600 / 9700 / 9800]
		General - Miscellaneous corrections

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1.88	July 23, 2010	<p>General - Document updated for 7750 SR / 7450 ESS / 7710 SR 6.1 R16</p> <p>General - Document updated for 7210 SAS-E / SAS-M 1.1 R9</p> <p>General - Document updated for 7210 SAS-M 24F2XFP 1.1 R9</p> <p>General - Document updated for 7210 SAS-M 24F2XFP ETR 1.1 R9</p> <p>General - Document updated for 7210 SAS-M 24F2XFP ETR 1.1 R8</p> <p>General - Document updated for 7750 MG 2.0 R2</p> <p>General - Document updated for 7750 MG 2.0 R1</p> <p>General - Document updated for 5780 DSC 2.0 R1</p>
1.89	August 3, 2010	<p>General - Document updated for 7750 SR / 7450 ESS / 7710 SR 7.0 R12</p> <p>General - Document updated for 9500 MPR ANSI 2.2</p> <p>General - Updates/corrections for 9500 MPR 2.1</p> <p>General - Updates/corrections for 7210 SAS 1.1</p>
1.90	August 26, 2010	<p>General - Document updated for 5620 SAM 8.0 R4</p> <p>General - Document updated for 7750 SR / 7450 ESS / 7710 SR 6.0 R18</p> <p>General - Document updated for 7705 SAR 3.0 R3</p> <p>General - Document updated for 7210 SAS-E / SAS-M 2.0 R2</p> <p>General - Document updated for 7210 SAS-M 24F2XFP 2.0 R2</p> <p>General - Document updated for 7210 SAS-M 24F2XFP ETR 2.0 R2</p> <p>General - Document updated for OmniSwitch Series 6.6.2.242 R01 [6250]</p> <p>General - Document updated for 7750 MG 2.0 R3</p> <p>General - Document updated for 7750 MG 2.0 R4</p>
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1.93	October 22, 2010	<p>General - Document updated for 5620 SAM 8.0 R5</p> <p>General - Document updated for 7750 SR / 7450 ESS / 7710 SR 8.0 R5</p> <p>General - Document updated for 7750 SR / 7450 ESS / 7710 SR 6.1 R18</p> <p>General - Document updated for 7705 SAR 3.0 R4</p> <p>General - Document updated for 7210 SAS-E / SAS-M 2.0 R4</p> <p>General - Document updated for 7210 SAS-M 24F2XFP 2.0 R4</p> <p>General - Document updated for 7210 SAS-M 24F2XFP ETR 2.0 R4</p> <p>General - Document updated for 7210 SAS-E / SAS-M 1.1 R10</p> <p>General - Document updated for 7210 SAS-M 24F2XFP 1.1 R10</p> <p>General - Document updated for 7750 MG 2.0 R8</p> <p>General - Document updated for 9412 / 9926 eNodeB LA2.0.2 MIB Ed.02p05, MIM5.3.8</p> <p>General - Document updated for OmniSwitch Series 6.6.2.249 R01 [6250]</p> <p>General - Document updated for OmniSwitch Series 6.4.3.640 R01 [6850 / 6400 / 6855 / 9600 / 9700 / 9800 / 9700E / 9800E]</p> <p>General - Document updated for 9500 MPR ETSI 2.1</p> <p>General - Document updated for 9500 MPR ANSI 1.2</p>
1.94	November 2, 2010	<p>General - Document updated for 7750 SR / 7450 ESS / 7710 SR 7.0 R14</p> <p>General - Corrections made for supported eNodeB MIB and MIM versions</p>

5 Obtaining technical support

Technical Support Engineers are available to assist you 24 hours a day, 7 days a week.

For the list of regional contact telephone and fax numbers, visit:

<http://www.alcatel-lucent.com/wps/portal/support> and click on the Alcatel-Lucent Global Support link.

6 Glossary

Term	Description
5620 SAM	<p>5620 Service Aware Manager</p> <p>A single management platform offering element, network and service management for advanced Layer 2 and Layer 3 network solutions and services based on Alcatel-Lucent's Carrier Ethernet and IP/MPLS Service Routing portfolio.</p>
5620 SAM client	The 5620 SAM client provides a GUI to configure IP network elements.
5620 SAM-O client	A 5620 SAM-O client is an application that uses the 5620 SAM-O interface to perform functions such as inventory management or alarm monitoring.
5620 SAM database	The 5620 SAM database stores network objects and configurations.
5620 SAM server	The 5620 SAM server mediates between the 5620 SAM database, 5620 SAM client, and the network.
5780 DSC	<p>Alcatel-Lucent 5780 Dynamic Services Controller</p> <p>The 5780 DSC provides the Policy and Charging Rules Function (PCRF) as defined by the 3GPP, and is an integral component of the Alcatel-Lucent Ultimate Wireless Packet Core (UWPC) and Long Term Evolution (LTE) solutions while also supporting 3G deployments. The PCRF allow providers to manage and control network behavior based on specific business rules, application requirements, network status, and subscriber entitlement and preferences.</p>
7250 SAS	<p>Alcatel-Lucent 7250 Service Access Switch</p> <p>A feature-rich customer premises device purpose-built to deliver a complete portfolio of voice, video and data services to enterprise customers.</p>
7210 SAS	<p>Alcatel-Lucent 7210 Service Access Switch</p> <p>Available in MPLS and Ethernet variants, the 7210 SAS is built to enable cost effective and highly scalable Carrier Ethernet services delivery.</p>
7450 ESS	<p>Alcatel-Lucent 7450 Ethernet Service Switch</p> <p>Enables the delivery of profitable metro Ethernet services and high density service-aware Ethernet aggregation over IP/MPLS-based networks</p>
7705 SAR	<p>Alcatel-Lucent 7705 Service Aggregation Router</p> <p>Delivers industry-leading IP/MPLS and pseudo-wire capabilities in a compact platform that has the ability to groom and aggregate multiple media, service and transport protocols onto a normalized, economical packet transport infrastructure.</p>
7710 SR	<p>Alcatel-Lucent 7710 Service Router</p> <p>Ensures the delivery of high-performance carrier-grade data, voice and video services and brings carrier-grade reliability to smaller Points of Presence (POP) and offices.</p>

7750 MG	<p>Alcatel-Lucent 7750 Mobile Gateway</p> <p>The 7750 MG is an SR-based node which fulfills the role of the Serving Gateway (SGW) and Packet Data Network Gateway (PGW) in a 3GPP compliant architecture for an LTE network. The SGW is positioned at the edge of eUTRAN and terminates the connection from the eNodeB. The PGW acts as the transit point between the Evolved Packet Solution network and other networks (internet, IMS etc.).</p>
7750 SR	<p>Alcatel-Lucent 7750 Service Router</p> <p>A superior multi-service edge router - purpose built for service providers who are looking to deliver a new wave of residential and business services on a single IP/MPLS network.</p>
9471 MME	<p>Alcatel-Lucent 9471 Mobility Management Entity</p> <p>The 9471 Mobility Management Entity fulfills the role of the MME in a 3GPP compliant architecture for an LTE network. The MME is responsible for user equipment (UE) to access the network services by performing authorization and authentication of the UE. The MME is also responsible for bearer activation and deactivation and for selecting an SGW and PGW for the UE at the time of initial attachment.</p>
9500 MPR	<p>Alcatel-Lucent 9500 Microwave Packet Radio</p> <p>The Alcatel-Lucent 9500 Microwave Packet Radio (MPR) enables smooth transformation of backhaul networks from TDM to IP - and provides efficient transport of multimedia traffic, while still supporting legacy TDM. It improves packet aggregation, increases bandwidth, optimizes Ethernet connectivity and delivers the quality of service needed to satisfy end users.</p>
OmniSwitch 6250	<p>Alcatel-Lucent OmniSwitch 6250</p> <p>The Alcatel-Lucent OmniSwitch 6250 Series is a family of fixed configuration, Gigabit Ethernet, stackable LAN switches with advanced Layer 2 and basic routing capabilities designed for both the Enterprise and Metro markets.</p>
OmniSwitch 6400	<p>Alcatel-Lucent OmniSwitch 6400 (OS6400) Series</p> <p>A set of compact, low-power, stackable layer 2+ Gigabit Ethernet local area network (LAN) switches. Ideal for small and medium-sized campus, branch offices and residential or business services as an Ethernet demarcation device (EDD).</p>
OmniSwitch 6850	<p>Alcatel-Lucent OmniSwitch 6850 (OS6850) Series</p> <p>Layer-3 Gigabit Ethernet fixed configuration switches that address the needs of modern enterprise and triple-play networking with flexible, stackable configurations; power-over-Ethernet, high availability, first-packet wire-speed performance, and dramatically improved network response time over past models.</p>
OmniSwitch 6855	<p>Alcatel-Lucent OmniSwitch 6855 (OS6855) Series</p> <p>Industrial grade, managed, Gigabit Ethernet switches designed to operate reliably in harsh electrical and severe temperature environments. Ideal for industrial and mission-critical applications that require wider operating temperatures, more stringent EMC/EMI requirements and optimized features set for high security, reliability, performance and easy management.</p>

OmniSwitch 9600	<p>Alcatel-Lucent OmniSwitch 9600 (OS9600) Series</p> <p>The Omni 9600 is a high performance switch offering four slots for Gigabit Ethernet and/or 10 gigabit Ethernet Network Interface (NI) modules. An additional one slot is reserved for the primary Chassis Management Module (CMM). The Omni 9600 supports a maximum of two load sharing power supplies.</p>
OmniSwitch 9700	<p>Alcatel-Lucent OmniSwitch 9700 (OS9700) Series</p> <p>The Omni 9700 is a high performance switch offering eight slots for Gigabit Ethernet and/or 10-gigabit Ethernet Network Interface (NI) modules. Additional two slots are reserved for primary and redundant Chassis Management Modules (CMMs). The Omni 9700 supports a maximum of three power supplies.</p>
OmniSwitch 9800	<p>Alcatel-Lucent OmniSwitch 9800 (OS9800) Series</p> <p>The Omni 9800 is a high performance switch offering 16 slots for Gigabit Ethernet and/or 10-Gigabit Ethernet Network Interface (NI) modules. An additional two slots are reserved for primary and redundant Chassis Management Modules (CMMs). The Omni 9800 supports a maximum of four power supplies.</p>
Telco T5C	<p>Telco Systems T5 Compact Service Extension Node</p> <p>Enables the delivery of high-performance and media-rich metro Ethernet services. The unique flexibility, efficiency, service, and high-availability characteristics of the Telco Systems T5C provide seamless service extension capabilities to the Alcatel-Lucent 7450 Ethernet Service Switch (ESS) and the Alcatel-Lucent 7750 Service Router (SR) product portfolios in the Metro Core, Metro Edge, Metro Access, and at the customer premises' boundary.</p>